

two

US-08-604-871-3

Dò 2 TGATGGGACAA 15

Query Match	1.0%	Score 12.4;	DB 1;	Length 15;
Best Local Similarity	92.9%	Pred. No. 2.1e+02;		
Matches 13: Conservative	0: Mismatches	1: Indels		

## RESULT 275

JS-08-604-871-4/c  
Sequence 4, Application US/08604871  
Patent No. 5858988

## GENERAL INFORMATION:

APPLICANT: WANG, JUI, H.  
TITLE OF INVENTION: ANTISENSE OLIGORIBONUCLEOTIDES HAVING ENHANCED STABILITY  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FLIESLER, DUBB, MEYER & LOVEJOY  
STREET: Four Embarcadero Center, Suite 400  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA

ZIP: 94111

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA: US/08/604,871

FILING DATE: 22-FEB-1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Hare, Christophe A

REGISTRATION NUMBER: 37,637

REFERENCE/DOCKET NUMBER: WNGJ 2002 HED/CAH

TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-362-3800

TELEFAX: 415-362-2928

TELEX:

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

S-08-604-871-4

Query Match 1.0%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y

781 TGATGGGACAA 794

b

14 TGATGGGACAA 1

## RESULT 276

S-08-585-684B-893/c

Sequence 893, Application US/08585684B

Patent No. 5877021

## GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585,684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 893:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-585-684B-893

Query Match

1.0%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy

1038 TATTATTATTAT 1051

Db

15 TATTATTATTAT 2

## RESULT 277

US-08-585-684B-2060/c

Sequence 2060, Application US/08585684B

Patent No. 5877021

## GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585,684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2060:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2060

Query Match 1.0%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1456 TGTATTATTAGTAC 1469  
DB 15 TGTATTATTAGTAC 2

RESULT 278  
US-08-471-907A-52/c  
Sequence 52, Application US/08471907A  
Patent No. 5986053  
GENERAL INFORMATION:  
APPLICANT: Ecker, David J.  
APPLICANT: Buchardt, Ole  
APPLICANT: Egholm, Michael  
APPLICANT: Nielsen, Peter E.  
APPLICANT: Berg, Rolf H.  
APPLICANT: M. Ilegard, Niels E.  
TITLE OF INVENTION: HIGH ORDER STRUCTURE AND BINDING OF PEPTIDE  
TITLE OF INVENTION: NUCLEIC ACIDS  
NUMBER OF SEQUENCES: 56  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5986053ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,907A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/088,658  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Lucci, Joseph  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-1052  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-471-907A-52

Query Match 1.0%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 2.1e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 458 TCACACTTCATGT 471  
DB 14 TCACACTGCATGT 1

RESULT 279  
US-09-071-845-217  
Sequence 217, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2086  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 217:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-217

Query Match 1.0%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 35.7%; Pred. No. 2.1e+02;  
Matches 5; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 1049 TATGTATTATTATTA 1062  
DB 1 UAGUUAUUUAUCA 14





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,
, CORRESPONDENCE ADDRESS:
, ADDRESSEE: Lyon & Lyon
, STREET: 633 West Fifth Street
, CITY: Los Angeles
, STATE: California
, COUNTRY: U.S.A.
, ZIP: 90071
,
, COMPUTER READABLE FORM:
, MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
, MEDIUM TYPE: storage
, COMPUTER: IBM Compatible
, OPERATING SYSTEM: IBM P.C. DOS 5.0
, SOFTWARE: FastSeq Version 1.5
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/038,073
, FILING DATE:
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: 08/585,684
, FILING DATE:
, ATTORNEY/AGENT INFORMATION:
, NAME: Warburg, Richard
, REGISTRATION NUMBER: 32,327
, REFERENCE/DOCKET NUMBER: 218/078
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (213) 489-1600
, TELEFAX: (213) 955-0440
, TELEX: 67-3510
, INFORMATION FOR SEQ ID NO: 893:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 15 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
,
, US-09-038-073-893
,
, Query Match 1.0%; Score 12.4; DB 1; Length 15;
, Best Local Similarity 92.9%; Pred. No. 2.1e+02;
, Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
,
, QY 1038 TATTATTATTAT 1051
, Db 15 TATTAAATATTAT 2
,
, RESULT 283
, US-09-038-073-2060/c
, Sequence 2060, Application US/09038073
, Patent No. 6194150
, GENERAL INFORMATION:
, APPLICANT: Stinchcomb, Daniel T.
, APPLICANT: Jarvis, Thale
, APPLICANT: McSwigen, James
, TITLE OF INVENTION: METHOD AND REAGENT FOR THE
, TITLE OF INVENTION: INDUCTION OF GRAPT TOLERANCE
, TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
, NUMBER OF SEQUENCES: 2751
, CORRESPONDENCE ADDRESS:
, ADDRESSEE: Lyon & Lyon
, STREET: 633 West Fifth Street
, CITY: Los Angeles
, STATE: California
, COUNTRY: U.S.A.
, ZIP: 90071
, COMPUTER READABLE FORM:
, MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
, MEDIUM TYPE: storage
, COMPUTER: IBM Compatible
, OPERATING SYSTEM: IBM P.C. DOS 5.0
, SOFTWARE: FastSeq Version 1.5
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/038,073
, FILING DATE:
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: 08/585,684
, FILING DATE:
, ATTORNEY/AGENT INFORMATION:
, NAME: Warburg, Richard
, REGISTRATION NUMBER: 32,327
, REFERENCE/DOCKET NUMBER: 218/078
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (213) 489-1600
, TELEFAX: (213) 955-0440
, TELEX: 67-3510
, INFORMATION FOR SEQ ID NO: 893:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 15 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
,
, US-09-038-073-893
,
, Query Match 1.0%; Score 12.4; DB 1; Length 15;
, Best Local Similarity 92.9%; Pred. No. 2.1e+02;
, Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
,
, QY 1038 TATTATTATTAT 1051
, Db 15 TATTAAATATTAT 2
,
, RESULT 283
, US-09-038-073-2060/c
, Sequence 2060, Application US/09038073
, Patent No. 6194150
, GENERAL INFORMATION:
, APPLICANT: Stinchcomb, Daniel T.
, APPLICANT: Jarvis, Thale
, APPLICANT: McSwigen, James
, TITLE OF INVENTION: METHOD AND REAGENT FOR THE
, TITLE OF INVENTION: INDUCTION OF GRAPT TOLERANCE
, TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
, NUMBER OF SEQUENCES: 2751
, CORRESPONDENCE ADDRESS:
, ADDRESSEE: Lyon & Lyon
, STREET: 633 West Fifth Street
, CITY: Los Angeles
, STATE: California
, COUNTRY: U.S.A.
, ZIP: 90071
, COMPUTER READABLE FORM:
, MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
, MEDIUM TYPE: storage
, COMPUTER: IBM Compatible
, OPERATING SYSTEM: IBM P.C. DOS 5.0
, SOFTWARE: FastSeq Version 1.5
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/038,073
, FILING DATE:
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: 08/585,684
, FILING DATE:
, ATTORNEY/AGENT INFORMATION:
, NAME: Warburg, Richard
, REGISTRATION NUMBER: 32,327
, REFERENCE/DOCKET NUMBER: 218/078
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (213) 489-1600
, TELEFAX: (213) 955-0440
, TELEX: 67-3510
, INFORMATION FOR SEQ ID NO: 2060:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 15 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
,
, US-09-038-073-2060
,
, Query Match 1.0%; Score 12.4; DB 1; Length 15;
, Best Local Similarity 92.9%; Pred. No. 2.1e+02;
, Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
,
, QY 1456 TGTATTATTATGATC 1469
, Db 15 TGTATTATTAGTAC 2
,
, RESULT 284
, US-09-167-375-13
, Sequence 13, Application US/09167375B
, Patent No. 6291438
, GENERAL INFORMATION:
, APPLICANT: Gui H. Wang
, TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligori
, FILE OF INVENTION: methods for their use.
, FILE REFERENCE: WNGJ 2002 (CIP-1)
, CURRENT APPLICATION NUMBER: US/09/167,375B
, CURRENT FILING DATE: 1998-10-06
, NUMBER OF SEQ ID NOS: 26
, SEQ ID NO 13
, LENGTH: 15
, TYPE: RNA
, ORGANISM: Duck Hepatitis B Virus
, FEATURE:
, LOCATION: Pre-S gene, nucleotides 798 - 813.
, OTHER INFORMATION: Sense sequence
,
, US-09-167-375-13
,
, Query Match 1.0%; Score 12.4; DB 1; Length 15;
, Best Local Similarity 78.6%; Pred. No. 2.1e+02;
, Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
,
, QY 781 TGATGGACATAA 794
, Db 2 UGAUGGGACACAA 15
,
, RESULT 285
, US-09-167-375-14/c
, Sequence 14, Application US/09167375B
, Patent No. 6291438
, GENERAL INFORMATION:
, APPLICANT: Gui H. Wang
, TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligori
, FILE OF INVENTION: methods for their use.
, FILE REFERENCE: WNGJ 2002 (CIP-1)
, CURRENT APPLICATION NUMBER: US/09/167,375B
, CURRENT FILING DATE: 1998-10-06
, NUMBER OF SEQ ID NOS: 26
, SEQ ID NO 14
, LENGTH: 15
```

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TYPE: RNA
ORGANISM: Duck Hepatitis Virus
FEATURE:
LOCATION: Pre-S gene, nucleotides 798 - 813
OTHER INFORMATION: Complementary to Duck Hepatitis Virus Pre-S gene, nucleotides 798
S-09-167-375-14

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 781 TGAATGGGACAAATAA 794
b 14 TGAATGGGACAA 1

RESULT 286
S-09-194-679-12
Sequence 12, Application US/09194679
Patent No. 6329144
GENERAL INFORMATION:
APPLICANT: KUBISTA, Mikael
APPLICANT: SVANVIK, Nicke
TITLE OF INVENTION: PROBE FOR ANALYSIS OF NUCLEIC ACIDS
FILE REFERENCE: 2921-107P
CURRENT APPLICATION NUMBER: US/09/194,679
CURRENT FILING DATE: 1999-01-29
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 12
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Partial PNA
S-09-194-679-12

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 458 TCAACACTGCATGT 471
b 2 TCAACACTGCATGT 15

RESULT 287
S-08-584-040-8488
Sequence 8488, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
```

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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,374
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8488:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8488

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 2.1e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1457 GTTTATTATGTACA 1470
Db 1 GUCUAUUAUGUACA 14

RESULT 288
US-09-475-947A-180
Sequence 180, Application US/09475947A
Patent No. 6472154
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Wren, Jonathan D.
APPLICANT: Minna, John D.
TITLE OF INVENTION: Polymorphic Repeats in Human Genes
FILE REFERENCE: UTSD0667
CURRENT APPLICATION NUMBER: US/09/475,947A
CURRENT FILING DATE: 1999-12-31
NUMBER OF SEQ ID NOS: 346
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 180
LENGTH: 15
TYPE: DNA
ORGANISM: human
US-09-475-947A-180

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 402 CTCTGTGGTATCCA 415
Db 1 CTCTGTGGTATCCA 14

RESULT 289
US-09-371-772B-4142
Sequence 4142, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
```

```
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4142
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4142

Query Match 1.0%; Score 12.4; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 2.1e+02;
Matches 7; Conservative 1; Mismatches 6; Gaps 0; Indels 0;

QY 1457 GTTATTATGTACA 1470
Db 1 GCUAUAUUAUGUACA 14

RESULT 290
US-08-962-690-21
; Sequence 21, Application US/08962690
; Patent No. 6214805
; GENERAL INFORMATION:
; APPLICANT: Torrence, Paul F.
; APPLICANT: Silverman, Robert H.
; APPLICANT: Cirino, Nick M.
; APPLICANT: Li, Guiying
; APPLICANT: Xiao, Wei
; APPLICANT: Player, Mark R.
; TITLE OF INVENTION: RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: EFFECTIVE TO TREAT RSV INFECTIONS
; FILE REFERENCE: 8656-019
; CURRENT APPLICATION NUMBER: US/08/962,690
; CURRENT FILING DATE: 1997-11-03
; EARLIER APPLICATION NUMBER: 08/801,896
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 60/011,725
; EARLIER FILING DATE: 1996-02-15
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 21
; LENGTH: 16
; TYPE: RNA
; ORGANISM: respiratory syncytial virus
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (10)
; OTHER INFORMATION: n=a,c,g, or u
US-08-962-690-21

Query Match 1.0%; Score 12.4; DB 1; Length 16;
Best Local Similarity 33.3%; Pred. No. 2.4e+02;
Matches 5; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 1521 TTTATATTTTAACT 1535
Db 2 UUUUAUAUUAUUAU 16

RESULT 291
US-09-371-772B-5877
; Sequence 5877, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
```

```
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5877
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5877

Query Match 1.0%; Score 12.4; DB 1; Length 16;
Best Local Similarity 71.4%; Pred. No. 2.4e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 443 TCAAGCAAAATCTAC 456
Db 1 UCAAGCAAAUAGUAC 14

RESULT 292
US-08-390-850-428/c
; Sequence 428, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John T.
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
```

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 428:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-390-850-428

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

826 TCCTGGATTATTTT 839  
14 TCCTGGATTATTTT 1

ESULT 293  
US-08-373-124A-1437/C  
Sequence 1437, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1437:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-373-124A-1437

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1354 TGTCTGGTAGTC 1367  
17 TGTCTGGTAGTC 4

RESULT 294  
US-08-435-634-428/c  
Sequence 428, Application US/08435634  
Patent No. 5731295  
GENERAL INFORMATION:  
APPLICANT: Draper, Kenneth G.  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Gustafson, John T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
NUMBER OF SEQUENCES: 1151  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,634  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/390,850  
FILING DATE: February 17, 1995  
APPLICATION NUMBER: 08/354,920  
FILING DATE: December 13, 1994  
APPLICATION NUMBER: 08/152,487  
FILING DATE: No. 5731295 September 12, 1993  
APPLICATION NUMBER: 07/989,848  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211/084  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 428:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-634-428

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 826 TCCTGGATTATTTT 839  
14 TCCTGGATTATTTT 1

Db 14 TCTTGGATTTCCTT 1

RESULT 295

US-08-435-628-1437/c  
; Sequence 1437, Application US/08435628  
; Patent No. 5817736  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1437:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-435-628-1437

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1354 TGTGTGGTAGTC 1367

Db 17 TGTGTGGTAGTC 4

RESULT 296

US-08-985-162-198  
; Sequence 198, Application US/08985162

; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 198:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-985-162-198

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 2.9e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 530 BATTTCAGTAACA 543

Db 4 AAUUUAGGAACA 17

RESULT 297

US-08-584-040-1838  
; Sequence 1838, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon

```

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1838:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-584-040-1838

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

b 616 ACAAAACACAA 629
|||||
2 ACAAAUACAA 15

RESULT 298
S-08-584-040-2078
Sequence 2078, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:

```

```

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2078:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2078

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 50.0%; Pred. No. 2.9e+02;
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 714 TCGGAACTTAAAT 727
|||||
1 UCCGAGUUAUU 14

Db

RESULT 299
US-08-584-040-2373
Sequence 2373, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2373:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2373

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 2.9e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 980 AAGCACTTTAAGTT 993  
Db 2 AAGCACUUUAAGCU 15

RESULT 300  
US-08-584-040-2374  
Sequence 2374, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2374:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2374

Query Match 1.0%; Score 12.4; DB 1; Length 17;

Best Local Similarity 64.3%; Pred. No. 2.9e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;  
QY 980 AAGCACTTTAAGTT 993  
Db 1 AAGCACUUUAAGCU 14

RESULT 301  
US-08-584-040-3849  
Sequence 3849, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3849:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-3849

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 2.9e+02;  
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1457 GTTATTATGTACA 1470  
Db 3 GUCUAUUAUGUACA 16

RESULT 302  
US-08-584-040-4227  
Sequence 4227, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4227:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

S-08-584-040-4227

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 57.1%; Pred. No. 2.9e+02;  
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Y 1118 ATAGTTATAAGAT 1131  
b 1 AUAUUUUAAGAU 14

RESULT 303  
S-08-584-040-5646/c  
Sequence 5646, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5646:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-5646

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 467 CATGTATTGTGG 480  
Db 14 CATGTATTGTGG 1

RESULT 304

US-08-584-040-7532  
Sequence 7532, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0



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; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7532:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7532

```

```

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred.No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY 616 ACAAAAACAAACAA 629
    |||||
Db 2 ACAAAUACAAACAA 15

```

```

RESULT 305
US-08-584-040-7817/c
; Sequence 7817, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7817:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7817

```

```

Query Match 1.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred.No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 617 CAAAAACAAACAA 630
    |||||
Db 17 CAAAAACAAACAA 4

```

```

RESULT 306
US-08-584-040-7819/c
; Sequence 7819, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7819:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7819

```

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 616 ACAAAACACAA 629  
b 14 ACAAAACACAAA 1

RESULT 307  
S-09-371-772B-383  
Sequence 383, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 383  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
S-09-371-772B-383

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 616 ACAAAACACAA 629  
b 2 ACAAAACACAA 15

RESULT 308  
S-09-371-772B-623  
Sequence 623, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 623  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
S-09-371-772B-623

Query Match 1.0%; Score 12.4; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 2.9e+02;  
Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 714 TCGAAGCTTTAAAT 727  
Db 1 UCCGAAGUUUAUU 14

RESULT 309  
US-09-371-772B-918  
Sequence 918, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 918  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-918

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 2.9e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 980 AAGCACTTTAAGTT 993  
Db 2 AAGCACTTTAAGCU 15

RESULT 310  
US-09-371-772B-919  
Sequence 919, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 919  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-919

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 2.9e+02;

Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 980 AAGCATTAAAGTT 993  
| : : : : :  
Db 1 AAGCAUUAAGCU 14

## RESULT 311

US-09-371-772B-1616  
; Sequence 1616, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyne Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MEBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1616

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-1616

## Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 17;

Matches 7; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1457 GTTATTATGAC 1470  
| : : : : :  
Db 3 GUCUAUUAAGUACA 16

## RESULT 312

US-09-371-772B-1994

; Sequence 1994, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyne Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MEBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1994

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-1994

## Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 17;

Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1118 ATAGTTATAAGAT 1131  
| : : : : :  
Db 1 AUAUUAUAAGAU 14

## RESULT 313

US-09-371-772B-2536/c

; Sequence 2536, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyne Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

; FILE REFERENCE: MEBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2536

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Mus sp.

US-09-371-772B-2536

## Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 467 CATGTATTGTGG 480  
| : : : : :  
Db 14 CATGTATTGTGG 1

## RESULT 314

US-09-371-772B-3601/c

; Sequence 3601, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyne Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R

; FILE REFERENCE: MEBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3601

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Mus sp.

US-09-371-772B-3601

## Query Match

Best Local Similarity 1.0%; Score 12.4; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 617 CAAAAACACAAA 630  
 DB 17 CAAAAACACAAA 4

## RESULT 315

US-09-371-772B-3603/c  
 ; Sequence 3603, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MBHB00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3603  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3603

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 616 AAAAAACACAAA 629  
 DB 14 AAAAAACACAAA 1

## RESULT 316

US-09-371-772B-4746  
 ; Sequence 4746, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MBHB00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 4746  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-371-772B-4746

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 64.3%; Pred. No. 2.9e+02;  
 Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 935 ATTAGCCACCATCT 948

DB 3 AUUGCCACCAUCU 16

## RESULT 317

US-09-371-772B-5229/c  
 ; Sequence 5229, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MBHB00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 5229  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-371-772B-5229

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 749 TAGAATGTGATTT 762  
 DB 14 TAGAATGTGACATT 1

## RESULT 318

US-09-371-772B-5266/c  
 ; Sequence 5266, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; FILE REFERENCE: MBHB00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 5266  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-371-772B-5266

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
 Best Local Similarity 92.9%; Pred. No. 2.9e+02;  
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1349 CCAAGCTGTGTGGT 1362  
 ||| ||||| |||||

Db 16 CCAACTGCTGTGGT 3

## RESULT 319

US-09-371-772B-5290  
; Sequence 5290, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggan, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MH000,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5290  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5290

Query Match 1.0%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 64.3%; Pred. No. 2.9e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 980 AAGCACTTAAAGTT 993

Db 3 AAGCACUUUAAGCU 16

## RESULT 320

US-08-233-130A-10  
; Sequence 10, Application US/08233130A  
; Patent No. 5587300  
; GENERAL INFORMATION:  
; APPLICANT: Malter, James S.  
; TITLE OF INVENTION: Method to Increase Regulatory Molecule  
; TITLE OF INVENTION: Production  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Muetting, Raasch, Gebhardt & Schwappach, P.A.  
; STREET: 203 Textile Building, 119 No. 5587300th Fourth Street  
; CITY: Minneapolis  
; STATE: MN  
; COUNTRY: USA  
; ZIP: 55401  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/233,130A  
; FILING DATE: 26-APR-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Muetting, Ann M.  
; REGISTRATION NUMBER: 33,977  
; REFERENCE/DOCKET NUMBER: 119.00010101  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 612-305-1228  
; TELEFAX: 612-305-1228  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-08-233-130A-10

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1046 ATTATGCTATTATTTA 1062

Db 1 ATGTATGTATGTATGTA 17

## RESULT 321

US-08-233-130A-11/c  
; Sequence 11, Application US/08233130A  
; Patent No. 5587300  
; GENERAL INFORMATION:  
; APPLICANT: Malter, James S.  
; TITLE OF INVENTION: Method to Increase Regulatory Molecule  
; TITLE OF INVENTION: Production  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Muetting, Raasch, Gebhardt & Schwappach, P.A.  
; STREET: 203 Textile Building, 119 No. 5587300th Fourth Street  
; CITY: Minneapolis  
; STATE: MN  
; COUNTRY: USA  
; ZIP: 55401  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/233,130A  
; FILING DATE: 26-APR-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Muetting, Ann M.  
; REGISTRATION NUMBER: 33,977  
; REFERENCE/DOCKET NUMBER: 119.00010101  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 612-305-1228  
; TELEFAX: 612-305-1228  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-08-233-130A-11

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1046 ATTATGCTATTATTTA 1062

Db 17 ATGTATGTATGTATGTA 1

## RESULT 322

US-08-373-124A-742  
; Sequence 742, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 742:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-742  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 3.2e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;  
b 1081 AAGAAATTGGAAAAATA 1097  
|||||:::|||||  
1 AAGGAUUUUUUAAAAUA 17  
RESULT 323  
US-08-373-124A-792  
Sequence 792, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street

STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 792:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-792  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 3.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;  
Qy 619 AAAACACACAAATTAAT 635  
|||||:::|||||  
1 AAAACACAAUAAAUAAU 17  
Db  
RESULT 324  
US-08-373-124A-792/c  
Sequence 792, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 792:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-792

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 980 AAGCACTTAAGTTT 996  
Db 17 AATCAATTATGTTT 1

RESULT 325  
US-08-373-124A-960/c  
Sequence 960, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035

FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 960:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-960

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1030 TATTAACCTATTATTA 1046  
Db 17 TATTAACCTATTATTA 1

RESULT 326  
US-08-373-124A-962/c  
Sequence 962, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 962:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 IS-08-373-124A-962

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1477 TTTTATAAATATTT 1493  
 17 TTTTATAAATATTT 1

RESULT 327  
 IS-08-373-124A-1048  
 Sequence 1048, Application US/08373124A  
 Patent No. 5646042

GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 1048:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1590 AAATATAAAGTAAATA 1606

TOPOLOGY: linear  
 US-08-373-124A-1048

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 23.5%; Pred. No. 3.2e+02;  
 Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

1145 TATTTTATTAGATAT 1161  
 1 UUUUUAAUUUUAUUAU 17

RESULT 328  
 US-08-373-124A-1048/c  
 Sequence 1048, Application US/08373124A  
 Patent No. 5646042

GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 1048:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-1048

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1590 AAATATAAAGTAAATA 1606



Db 17 ATATATAAAATTAATAA 1

RESULT 329

US-08-373-124A-1058/C  
Sequence 1058, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1058:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-1058

Query Match

Best Local Similarity 1.0%; Score 12.2; DB 1; Length 17;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1583 TGTATGGAATATAAAA 1599

Db 17 TGTATATATATATAAAA 1

RESULT 330

US-08-373-124A-1871

Sequence 1871, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1871:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-373-124A-1871

Query Match

Best Local Similarity 1.0%; Score 12.2; DB 1; Length 17;

Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

Qy 1259 AAATAATTTTATAGTAT 1275

Db 1 AAAUGAUAUUUUGUAU 17

RESULT 331

US-08-373-124A-1885

Sequence 1885, Application US/08373124A

Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

```

: STREET: 633 West Fifth Street
: CITY: Suite 4700
: STATE: Los Angeles
: COUNTRY: California
: ZIP: U.S.A.
:
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
: MEDIUM TYPE: storage
: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
:
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/373,124A
: FILING DATE: January 13, 1995
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/245,466
: FILING DATE: May 18, 1994
: APPLICATION NUMBER: 08/192,943
: FILING DATE: February 7, 1994
: APPLICATION NUMBER: 07/987,132
: FILING DATE: December 7, 1992
: APPLICATION NUMBER: 07/936,422
: FILING DATE: August 26, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 209/035
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 1885:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-373-124A-1885

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 3.2e+02;
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

```

```

Y 1147 TTTTATTTAGATATTA 1163
b 1 UUGUAGUUUAGAGAAU 17

```

```

RESULT 332
US-08-373-124A-1901/c
Sequence 1901, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994

```

```

: COMPUTER: IBM Compatible
: OPERATING SYSTEM: IBM P.C. DOS 5.0
: SOFTWARE: Word Perfect 5.1
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/373,124A
: FILING DATE: January 13, 1995
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/245,466
: FILING DATE: May 18, 1994
: APPLICATION NUMBER: 08/192,943
: FILING DATE: February 7, 1994
: APPLICATION NUMBER: 07/987,132
: FILING DATE: December 7, 1992
: APPLICATION NUMBER: 07/936,422
: FILING DATE: August 26, 1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Warburg, Richard
: REGISTRATION NUMBER: 32,327
: REFERENCE/DOCKET NUMBER: 209/035
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (213) 489-1600
: TELEFAX: (213) 955-0440
: TELEX: 67-3510
: INFORMATION FOR SEQ ID NO: 1901:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 17 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: US-08-373-124A-1901

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 1418 CCACAGTCAATATAGT 1434
Db 17 CCACAGTCAATATAGT 1

```

```

RESULT 333
US-08-373-124A-1983/c
Sequence 1983, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994

```

APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1983:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-1983

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 929 AAAAGTATTAGCACCA 945  
Db 17 AAGATTATTAGCACCA 1

RESULT 334  
US-08-373-124A-2147  
Sequence 2147, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2147:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2147

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 23.5%; Pred. No. 3.2e+02;  
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

Qy 1035 ACCATTATTATTATTAT 1051  
Db 1 ACUUUUUUUUUUUUUUU 17

RESULT 335  
US-08-373-124A-2149  
Sequence 2149, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2149

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.2e+02;  
Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

1145 TATTATTATTAGATAT 1161  
1 UUUUUUUUUUUUUUU 17

RESULT 336

US-08-373-124A-2151  
Sequence 2151, Application US/08373124A  
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2151:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

S-08-373-124A-2151

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 17.6%; Pred. No. 3.2e+02;  
Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

1038 TATTATTATTATGTA 1054

DB 1 UUUUUUUUUUUUUUU 17

RESULT 337

US-08-373-124A-2157  
Sequence 2157, Application US/08373124A  
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2157:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-373-124A-2157

Query Match 1.0%; Score 12.2; DB 1; Length 17;

Best Local Similarity 17.6%; Pred. No. 3.2e+02;

Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

QY 1041 TTATTATTATGTATTT 1057

DB 1 UUUUUUUUUUUUUUU 17

RESULT 338

US-08-373-124A-2397/c  
Sequence 2397, Application US/08373124A  
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2397:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2397  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 640 AATATAGGATTTCT 656  
DB 17 AATATGATTTCT 1  
RESULT 339  
US-08-435-628-742  
Sequence 742, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 742:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-742  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 3.2e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;  
QY 1081 AAGAATTGGAAAAATA 1097  
DB 1 AAGGAUUUUUAAAAUA 17  
RESULT 340  
US-08-435-628-792  
Sequence 792, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.



```

; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 960:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-960

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

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QY 1030 TATTAACCTATTATTA 1046
Db 17 TATTAACCTATTCTTA 1

```

```

RESULT 343
US-08-435-628-962/c
; Sequence 962, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

```

; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 962:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-962

```

```

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY 1477 TTCCTATATATATTTT 1493
Db 17 TTTTATAAACTATTT 1

```

```

RESULT 344
US-08-435-628-1048
; Sequence 1048, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard

```

```

/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1048:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-628-1048
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;
DY 1145 TATTTTTATTAGTAT 1161
DB 1 UUUUUUUUUUUUUUUU 17
RESULT 345
US-08-435-628-1048/c
; Sequence 1048, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510

```

```

/ INFORMATION FOR SEQ ID NO: 1048:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-435-628-1048
Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1590 AAATATAAAAGTAAATA 1606
DB 17 ATATATAAAATTAATAA 1
RESULT 346
US-08-435-628-1058/c
; Sequence 1058, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1058:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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US-08-435-628-1058

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1583 TGTATGGAATATATAAA 1599  
|||:|:::|:|:  
DB 17 TGTATATATATATAAA 1

RESULT 347

US-08-435-628-1871

; Sequence 1871, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1871:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-435-628-1871

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 35.3%; Pred. No. 3.2e+02;  
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 1259 AAATAATTTTATAT 1275

|||:|:::|:|:  
DB 1 AAAGAUAUUUUAUAU 17

RESULT 348

US-08-435-628-1885  
; Sequence 1885, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1885:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-435-628-1885

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 35.3%; Pred. No. 3.2e+02;  
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

RESULT 349

US-08-435-628-1901/c  
 ; Sequence 1901, Application US/08435628  
 ; Patent No. 5817796  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Jarvis, Thale  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES  
 ; NUMBER OF SEQUENCES: 2627  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/435,628  
 ; FILING DATE: 05-MAY-1995  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/373,124  
 ; FILING DATE: January 13, 1995  
 ; APPLICATION NUMBER: 08/245,466  
 ; FILING DATE: May 18, 1994  
 ; APPLICATION NUMBER: 08/192,943  
 ; FILING DATE: February 7, 1994  
 ; APPLICATION NUMBER: 07/987,132  
 ; FILING DATE: December 7, 1992  
 ; APPLICATION NUMBER: 07/936,422  
 ; FILING DATE: August 26, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 209/035  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 1901:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ;

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Caps 0;

Y 1418 CCACAGTCATATATAGT 1434  
 |||||  
 Db 17 CCACAGTCAAAATACT 1

RESULT 350  
 ; US-08-435-628-1983/c  
 ; Sequence 1983, Application US/08435628  
 ; Patent No. 5817796  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth

; APPLICANT: McSwiggen, James  
 ; APPLICANT: Jarvis, Thale  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES  
 ; NUMBER OF SEQUENCES: 2627  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/435,628  
 ; FILING DATE: 05-MAY-1995  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/373,124  
 ; FILING DATE: January 13, 1995  
 ; APPLICATION NUMBER: 08/245,466  
 ; FILING DATE: May 18, 1994  
 ; APPLICATION NUMBER: 08/192,943  
 ; FILING DATE: February 7, 1994  
 ; APPLICATION NUMBER: 07/987,132  
 ; FILING DATE: December 7, 1992  
 ; APPLICATION NUMBER: 07/936,422  
 ; FILING DATE: August 26, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 209/035  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 1983:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ;

US-08-435-628-1983  
 Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Caps 0;

QY 929 AAAAGTATTAGCCACCA 945  
 |||||  
 Db 17 AAGATTATTAGCCACAA 1

RESULT 351  
 ; US-08-435-628-2147  
 ; Sequence 2147, Application US/08435628  
 ; Patent No. 5817796  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Draper, Kenneth  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Jarvis, Thale  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 ; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 ; TITLE OF INVENTION: CANCER USING RIBOZYMES  
 ; NUMBER OF SEQUENCES: 2627

```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2147:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2147

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

Qy 1035 ACCTATTATTATTAT 1051
Db 1 ACUUUUUUUUUUUUU 17

RESULT 352
US-08-435-628-2149
Sequence 2149, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

```

```

COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2149:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-2149

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 3.2e+02;
Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

Qy 1145 TATTTTATTAGATAT 1161
Db 1 UUUUUUUUUUUUUU 17

RESULT 353
US-08-435-628-2151
Sequence 2151, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

```

```

; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-2151

```

```

Query Match 1.0% Score 12.2; DB 1; Length 17;
Best Local Similarity 17.6%; Pred No. 3.2e+02;
Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

```

```

; 1038 TATTATTATTATGTA 1054
; : : : : : : : : : : : : : : : :
; 1 UUUUUUUUUUUUAUAU 17

```

```

RESULT 354
; US-08-435-628-2157
; Sequence 2157, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-08-435-628-2157

```

```

Query Match 1.0% Score 12.2; DB 1; Length 17;
Best Local Similarity 17.6%; Pred No. 3.2e+02;
Matches 3; Conservative 11; Mismatches 3; Indels 0; Gaps 0;

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; 1041 TTATTATTATGTTT 1057
; : : : : : : : : : : : : : : : :
; 1 UUUUUUUUUUAUAU 17

```

```

RESULT 355
; US-08-435-628-2397/c
; Sequence 2397, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943

```

FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2397:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2397

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 640 AATATAAGATTTTCCT 656  
DB 17 AATATAATGTTTTCCT 1

RESULT 356  
US-08-292-620A-1824  
Sequence 1824, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1845:

two

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1824:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1824

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 3.2e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 977 TCGAAGCACCTTTAAGTT 993  
DB 1 UGGAAGCUCUUAAGCU 17

RESULT 357  
US-08-292-620A-1845  
Sequence 1845, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1845:

two





APPLICATION NUMBER: US/08/467,963C  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: US 08/838,189  
FILING DATE: 16-APR-1997  
APPLICATION NUMBER: US 08/001,554  
FILING DATE: 06-JAN-1993  
PRIOR APPLICATION DATA: GB 9200117.1  
FILING DATE: 06-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: STEWART, Michael I  
REGISTRATION NUMBER: 24,973  
REFERENCE/DOCKET NUMBER: 1038-474 MIS:jb  
TELEPHONE: (416) 595-1155  
TELEFAX: (416) 595-1163  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-467-963C-30

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1307 TGAACCTAACCAATCCTAG 1323  
b 1 TGAACCTAACCTCCTAG 17

RESULT 363  
S-08-838-189D-30  
Sequence 30. Application US/08838189D  
Patent No. 598169  
GENERAL INFORMATION:  
APPLICANT: KLEIN, Michel H  
APPLICANT: DU, Run-Pan  
APPLICANT: EWASYSHYN, Mary E  
TITLE OF INVENTION: MULTIMERIC HYBRID GENE ENCODING A  
TITLE OF INVENTION: CHIMERIC PROTEIN WHICH CONFERS PROTECTION AGAINST  
TITLE OF INVENTION: PARAINFLUENZA VIRUS AND RESPIRATORY SYNCYTIAL VIRUS  
NUMBER OF SEQUENCES: 38  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sim & McBurney  
STREET: 6th Floor, 330 University Avenue  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5G 1R7  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/838,189D  
FILING DATE: 16-APR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/001,554  
FILING DATE: 06-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9200117.1  
FILING DATE: 06-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: STEWART, Michael I  
REGISTRATION NUMBER: 24,973  
REFERENCE/DOCKET NUMBER: 1038-687 MIS:jb

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 595-1155  
TELEFAX: (416) 595-1163  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-838-189D-30

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 TGAACCTAACCAATCCTAG 1323  
Db 1 TGAACCTAACCTCCTAG 17

RESULT 364  
US-08-852-344D-30  
Sequence 30. Application US/08852344D  
Patent No. 6017539  
GENERAL INFORMATION:  
APPLICANT: KLEIN, Michel H  
APPLICANT: DU, Run-Pan  
APPLICANT: EWASYSHYN, Mary E  
TITLE OF INVENTION: CHIMERIC PROTEIN WHICH CONFERS PROTECTION  
TITLE OF INVENTION: AGAINST PARAINFLUENZA VIRUS AND RESPIRATORY  
TITLE OF INVENTION: SYNCYTIAL VIRUS  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sim & McBurney  
STREET: 6th Floor, 330 University Avenue  
CITY: Toronto  
STATE: Ontario  
COUNTRY: Canada  
ZIP: M5G 1R7  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/852,344D  
FILING DATE: 07-MAY-1997  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/344,639  
FILING DATE: 14-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9200117.1  
FILING DATE: 06-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: STEWART, Michael I  
REGISTRATION NUMBER: 24,973  
REFERENCE/DOCKET NUMBER: 1038-688 MIS:jb  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (416) 595-1155  
TELEFAX: (416) 595-1163  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-852-344D-30

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



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QY 1307 TGAACCTAACATCCCTAG 1323
DB 1 TGAACCTAACATCCCTAG 17

RESULT 365
US-08-344-639E-30
; Sequence 30, Application US/08344639E
; Patent No. 6033668
; GENERAL INFORMATION:
; APPLICANT: Kleig, Michel H
; APPLICANT: Du, Run-Pan
; APPLICANT: Ewasyshtyn, Mary E
; TITLE OF INVENTION: CHIMERIC PROTEIN WHICH CONFERS
; PROTECTION AGAINST PARAINFLUENZA VIRUS
; TITLE OF INVENTION: PROTECTION AGAINST PARAINFLUENZA VIRUS
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sim & McBurney
; STREET: 330 University Avenue, 6th Floor
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5G 1R7
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,639E
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/001,554
; FILING DATE: 06-JAN-1993
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9200117.1
; FILING DATE: 06-JAN-1992
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Stewart, Michael I
; REGISTRATION NUMBER: 24,973
; REFERENCE/DOCKET NUMBER: 1038-391 MIS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (416) 595-1155
; TELEFAX: (416) 595-1163
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-344-639E-30

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 TGAACCTAACATCCCTAG 1323
DB 1 TGAACCTAACATCCCTAG 17

RESULT 366
US-08-855-058-1
; Sequence 1, Application US/08855058A
; Patent No. 6048690
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
```

```
APPLICANT: Sosnowski, Ronald G.
APPLICANT: O'Connell, James P.
TITLE OF INVENTION: METHODS FOR ELECTRONIC FLUORESCENT PERTURBATION FOR
TITLE OF INVENTION: ANALYSIS AND ELECTRONIC PERTURBATION CATALYSIS FOR
TITLE OF INVENTION: SYNTHESIS
FILE REFERENCE: DAVID B. MURPHY; Nanogen 224/175
CURRENT APPLICATION NUMBER: US/08/855,058A
CURRENT FILING DATE: 1997-05-14
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthesized
OTHER INFORMATION: probe
US-08-855-058-1

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1610 AACATTAAATATAAT 1626
DB 1 AAATTTAATATAAT 17

RESULT 367
US-08-985-162-265/c
; Sequence 265, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 265:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
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TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IS-08-985-162-265

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 981 AGCATTCTTAAGTTTCTTT 997  
|||||  
b 17 AGCATTCTTAAGTTTCTTT 1

RESULT 368  
S-08-985-162-775/c  
Sequence 775, Application US/08985162  
Patent No. 6057156

GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FASTSEQ for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/985,162

FILING DATE: 04 December 1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/036,476

FILING DATE: 31 January 1997

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 230/107

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 775:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IS-08-985-162-775

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 514 TTCTGCTTAATTGA 530  
|||||  
b 17 TTCTGCTTAATTGA 1

RESULT 369

US-08-923-558-4

; Sequence 4, Application US/08923558

; Patent No. 6060308

GENERAL INFORMATION:

APPLICANT: PARRINGTON, MARK

TITLE OF INVENTION: RNA RESPIRATORY SYNCYTIAL VIRUS VACCINES

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sim & McBurney

STREET: 6th Floor, 330 University Avenue

CITY: Toronto

STATE: Ontario

COUNTRY: Canada

ZIP: M5G 1R7

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/923,558

FILING DATE: 04-SEP-1997

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: STEWART, MICHAEL I

REGISTRATION NUMBER: 24,973

REFERENCE/DOCKET NUMBER: 1038-684 MIS:jb

TELECOMMUNICATION INFORMATION:

TELEPHONE: (416) 595-1155

TELEFAX: (416) 595-1163

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-923-558-4

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1307 TGAACCTAACATCTAG 1323  
|||||

Db 1 TGAACCTAACATCTAG 17

RESULT 370

US-08-913-833-84/c

; Sequence 84, Application US/08913833

; Patent No. 6087093

GENERAL INFORMATION:

APPLICANT: STUYVER, LIEVEN

APPLICANT: LOUWAGIE, JOOST

APPLICANT: ROSSAU, RUDI

TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED

SEQUENCE OF SEQUENCES: 164

CORRESPONDENCE ADDRESS:

ADDRESSEE: ARNOLD, WHITE & DURKEE

STREET: P.O. BOX 4433

CITY: HOUSTON

STATE: TEXAS

COUNTRY: USA

ZIP: 77210-4433

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Microsoft Word 6.0 / ASCII text output

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/913,833

;; FILING DATE: 15 Sep 1997  
;; PRIOR APPLICATION DATA: PCT/EP97/00211  
;; APPLICATION NUMBER: 17 Jan 1997  
;; FILING DATE: 17 Jan 1997  
;; PRIOR APPLICATION DATA: EP 96870005.4  
;; APPLICATION NUMBER: 26 Jan 1996  
;; FILING DATE: 26 Jan 1996  
;; PRIOR APPLICATION DATA: EP 96870081.5  
;; APPLICATION NUMBER: 25 Jun 1996  
;; FILING DATE: 25 Jun 1996  
;; ATTORNEY/AGENT INFORMATION: NAME: KAMMERER, PATRICIA A.  
;; REGISTRATION NUMBER: 29,775  
;; REFERENCE/DOCKET NUMBER: INNS:008  
;; INFORMATION FOR SEQ ID NO: 84:  
;; SEQUENCE CHARACTERISTICS: LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; JS-08-913-833-84

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1043 ATTATTATGTATTAT 1059  
DB 17 ATCATCTATGTATTGAT 1

RESULT 371  
US-09-071-845-1824  
; Sequence 1824, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:

;; APPLICATION NUMBER: 07/989,849  
;; FILING DATE: December 7, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/149  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 1824:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-09-071-845-1824

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 3.2e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 977 TCGAGACGACCTTAACTT 993  
DB 1 UGGAAGCUCUUCACAGCU 17

RESULT 372  
US-09-071-845-1845  
; Sequence 1845, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:

DD I AUGUAGUUUAUUUAUUA I /

RESULT 374

US-03-071843-2007  
; Sequence 2007, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:

APPLICANT: Dan I. McShigmond  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 208/149  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 2007:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-071-845-2007

Query Match	1.0%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	58.8%;	Pred. No. 3.2e+02;		
Matches 10;	Conservative	4;	Mismatches 3;	Indels 0;
Gaps 0;				

US-09-141-286-1  
; Sequence 1, Application US/09141286  
; Patent No. 624508  
; GENERAL INFORMATION:  
; APPLICANT: Heller, Michael J.; O'Connell, James P.; Juncosa,  
; APPLICANT: Robert D.; Sosnowski, Ronald G.; Jackson, Thomas  
; APPLICANT: R.  
; TITLE OF INVENTION: METHOD FOR FINGERPRINTING UTILIZING  
; TITLE OF INVENTION: AN ELECTRONICALLY ADDRESSABLE ARRAY  
; TITLE OF INVENTION: (as amended)  
; NUMBER OF SEQUENCES: 2  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon LLP  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/141,286  
; FILING DATE: August 27, 1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/534,454  
; FILING DATE: September 27, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Murphy, David B.  
; REGISTRATION NUMBER: 31,125  
; REFERENCE/DOCKET NUMBER: 225/167  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-141-286-1  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1610 AACATTTAAATATAAT 1626  
Db 1 AAATTTTAAATATAAT 17  
RESULT 377  
US-09-502-710-15  
; Sequence 15, Application US/09502710  
; Patent No. 6300133  
; GENERAL INFORMATION:  
; APPLICANT: LINDBO, John A.  
; APPLICANT: POGUE, Gregory P.  
; APPLICANT: TURPEN, Thomas H.  
; TITLE OF INVENTION: RNA TRANSFORMATION VECTORS DERIVED FROM  
; TITLE OF INVENTION: AN UNCAPPED SINGLE-COMPONENT RNA VIRUS  
; FILE REFERENCE: 0801013TUS13  
; CURRENT APPLICATION NUMBER: US/09/502,710  
; CURRENT FILING DATE: 2000-02-11  
; PRIOR APPLICATION NUMBER: 09/359,301  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: 09/359,305

US-09-071-845-2009  
; Sequence 2009, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOSOME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2056  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2009:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-071-845-2009  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 3.2e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;  
QY 977 TGAAGCAGCTTTAAGTT 993  
Db 1 UGGAAGCUCUUAAGCU 17  
RESULT 376

PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/232,170  
PRIOR FILING DATE: 1999-01-15  
PRIOR APPLICATION NUMBER: 09/008,186  
PRIOR FILING DATE: 1998-01-16  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 15  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Tobacco mosaic virus  
S-09-502-710-15

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1134 TATAGTAAATTTATTTT 1150  
b 1 TATAGTATTTGTTATTT 17

RESULT 378  
S-09-502-711-15  
Sequence 15, Application US/09502711  
Patent No. 6300134  
GENERAL INFORMATION:  
APPLICANT: LINDBO, John A.  
APPLICANT: FOGUE, Gregory P.  
APPLICANT: TURPEN, Thomas H.  
TITLE OF INVENTION: A SINGLE-COMPONENT RNA VIRUS AND CONTAIN AN INTERVENING  
TITLE OF INVENTION: SEQUENCE BETWEEN THE CAP AND 5' END  
FILE REFERENCE: 008010137US15  
CURRENT APPLICATION NUMBER: US/09/502,711  
CURRENT FILING DATE: 2000-02-11  
PRIOR APPLICATION NUMBER: 09/359,301  
PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/359,305  
PRIOR FILING DATE: 1999-07-21  
PRIOR APPLICATION NUMBER: 09/232,170  
PRIOR FILING DATE: 1999-01-15  
PRIOR APPLICATION NUMBER: 09/008,186  
PRIOR FILING DATE: 1998-01-16  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 15  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Tobacco mosaic virus  
S-09-502-711-15

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1134 TATAGTAAATTTATTTT 1150  
b 1 TATAGTATTTGTTATTT 17

RESULT 379  
S-09-580-794C-84/c  
Sequence 84, Application US/09580794C  
Patent No. 631389  
GENERAL INFORMATION:  
APPLICANT: Louwagie, Joost  
APPLICANT: Rossau, Rudi  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
TITLE OF INVENTION: TRANSCRIPTASE GENE  
FILE REFERENCE: INNS008--2  
CURRENT APPLICATION NUMBER: US/09/580,794C

CURRENT FILING DATE: 2000-05-30  
PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
PRIOR FILING DATE: 1997-09-15  
PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
PRIOR FILING DATE: 1997-01-17  
PRIOR APPLICATION NUMBER: EP 96870005.4  
PRIOR FILING DATE: 1996-01-26  
PRIOR APPLICATION NUMBER: EP 96870081.5  
PRIOR FILING DATE: 1996-06-25  
NUMBER OF SEQ ID NOS: 164  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 84  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-84

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1043 ATTATTATGTTATTTAT 1059  
Db 17 ATCATCTATGTTATGAT 1

RESULT 380  
US-08-584-040-1815  
Sequence 1815, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1815:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-1815

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 3.2e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

NY 1178 AGATAAATTTCAATCAG 1194

DB 1 AAAGAAUAUACACAG 17

RESULT 381

US-08-584-040-2050/c  
Sequence 2050, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLES OF INVENTION: TREATMENT OF DISEASES OR  
TITLES OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLES OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLES OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2050:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2050

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 441 CTTCAAGCAAAATCTACT 457

DB 17 CTTGACGAAATCACCT 1

RESULT 382

US-08-584-040-2187  
Sequence 2187, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLES OF INVENTION: TREATMENT OF DISEASES OR  
TITLES OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLES OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLES OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2187:

SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2187

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 23.5%; Pred. No. 3.2e+02;  
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY 1519 GCTTTATATTTTAACT 1535

DB 1 GCUUUUUUUUUUGACU 17

RESULT 383

US-08-584-040-2304  
Sequence 2304, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2304:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
3-08-584-040-2304

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 23.5%; Pred. No. 3.2e+02;  
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

1146 ATTTATTTTAGATATT 1162  
:::|:::|:::  
1 AUUCUAUUUGGUAU 17

RESULT 384  
3-08-584-040-2305  
Sequence 2305, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2305:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2305  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 23.5%; Pred. No. 3.2e+02;  
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

1147 TTTTATTTTAGATATTA 1163  
:::|:::|:::  
1 UUCUAUUUGGUAU 17

RESULT 385  
US-08-584-040-2339/c  
Sequence 2339, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996



CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2339:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2339

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

yy 1026 AACTATTAACTATT 1042  
db 17 ACCTATTGACCTTTT 1

RESULT 386  
US-08-584-040-2375  
; Sequence 2375, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2555:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-2555

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 2375:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2375

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 47.1%; Pred. No. 3.2e+02;  
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 981 AGCACTTAAAGTTTTT 997  
db 1 AGCACUUUAAAGCUCCU 17

RESULT 387  
US-08-584-040-2555/C  
; Sequence 2555, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2555:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-2555

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1086 TTGGGAAATAGACA 1102  
b 17 TTGGGAAAAAAAAAAA 1

## RESULT 388

S-08-584-040-2700/c  
Sequence 2700, Application US/08584040  
Patent No. 6346398

## GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2700:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

S-08-584-040-2700

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1594 ATAAAGTAATGAA 1610  
b 17 ATAAAGTAATGAA 1

## RESULT 389

S-08-584-040-2701/c  
Sequence 2701, Application US/08584040  
Patent No. 6346398

## GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2701:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-2701

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 1593 TATAAAGTAATGCA 1609

Db 17 TATAAAGTAATGAA 1

## RESULT 390

US-08-584-040-2715  
Sequence 2715, Application US/08584040  
Patent No. 6346398

## GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700



TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 2827:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 S-08-584-040-2827

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1203 GATTAACCAACCAACA 1219  
 b 17 GGTAAACCAACCAAAA 1

RESULT 393  
 S-08-584-040-2857/c  
 Sequence 2857, Application US/08584040  
 Patent No. 6346398  
 GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 TITLE OF INVENTION: GROWTH FACTOR  
 NUMBER OF SEQUENCES: 8502  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/584,040  
 FILING DATE: January 11, 1996  
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/005,974  
 FILING DATE: October 26, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/064  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2857:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 S-08-584-040-2857

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 803 ATAAAGTCAAATTAGC 819  
 Db 17 ATAAAGCCAAACTAGC 1

RESULT 394  
 US-08-584-040-3848  
 ; Sequence 3848, Application US/08584040  
 ; Patent No. 6346398  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pavco, Pamela  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 ; TITLE OF INVENTION: GROWTH FACTOR  
 ; NUMBER OF SEQUENCES: 8502  
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/584,040  
 FILING DATE: January 11, 1996  
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/005,974  
 FILING DATE: October 26, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/064  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 3848:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-584-040-3848

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 47.1%; Pred. No. 3.2e+02;  
 Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy 1453 ACTGTGTTATTATGTAC 1469  
 Db 1 ACCAGCUCUAUUAUGAC 17

RESULT 395  
 US-08-584-040-3986/c  
 ; Sequence 3986, Application US/08584040  
 ; Patent No. 6346398  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3986:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-3986  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1133 TTATAGTAAATTATT 1149  
DB 17 TTAGAGCAATTGATT 1  
RESULT 396  
US-08-584-040-4259/c  
Sequence 4259, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street

STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4259:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4259  
Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 969 AGGACATGTGAAGCAC 985  
DB 17 AGGATATGAGAGCAC 1  
RESULT 397  
US-08-584-040-7945  
Sequence 7945, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:

```

1 TELEFAX: (213) 955-0440
2
3 TELEX: 67-3510
4 INFORMATION FOR SEQ ID NO: 7962:
5 SEQUENCE CHARACTERISTICS:
6 LENGTH: 17 base pairs
7 TYPE: nucleic acid
8 STRANDEDNESS: single
9 TOPOLOGY: linear
10
11 US-08-584-040-7962
12
13
14 Query Match 1.0%; Score 12.2; DB 1; Length 17;
15 Best Local Similarity 41.2%; Pred. NO. 3.2e+02;
16 Matches 7; Conservative 7; Mismatches 3; Indels
17
18
19 QY 1152 TTTGATGATTAATGCA 1168
20
21 Db 1 UUUUAUAUACCAUGA 17
22
23
24 RESULT 399
25 US-08-584-040-8134/c
26 Sequence 8134, Application US/08584040
27 Patent No. 6346398
28 GENERAL INFORMATION:
29 APPLICANT: Pavco, Pamela
30 APPLICANT: MCSwigen, James
31 APPLICANT: Stinchcomb, Dan T.
32 APPLICANT: Escobedo, Jaime
33 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
34 TITLE OF INVENTION: TREATMENT OF DISEASES OR
35 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
36 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
37 TITLE OF INVENTION: GROWTH FACTOR
38 NUMBER OF SEQUENCES: 8502
39 CORRESPONDENCE ADDRESS:
40 ADDRESSEE: Lyon & Lyon
41 STREET: 633 West Fifth Street
42 STREET: Suite 4700
43 CITY: Los Angeles
44 STATE: California
45 COUNTRY: U.S.A.
46 ZIP: 90071-2066
47
48 COMPUTER READABLE FORM:
49 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
50 MEDIUM TYPE: storage
51 COMPUTER: IBM Compatible
52 OPERATING SYSTEM: IBM P.C. DOS 5.0
53 SOFTWARE: Word Perfect 5.1
54 CURRENT APPLICATION DATA:
55 APPLICATION NUMBER: US/08/584,040
56 FILING DATE: January 11, 1996
57 CLASSIFICATION: 514
58 PRIOR APPLICATION DATA:
59 APPLICATION NUMBER: 60/005,974
60 FILING DATE: October 26, 1995
61 ATTORNEY/AGENT INFORMATION:
62 NAME: Warburg, Richard J.
63 REGISTRATION NUMBER: 32,327
64 REFERENCE/DOCKET NUMBER: 218/064
65 TELECOMMUNICATION INFORMATION:
66 TELEPHONE: (213) 489-1600
67 TELEFAX: (213) 955-0440
68
69 TELEX: 67-3510
70 INFORMATION FOR SEQ ID NO: 8134:
71 SEQUENCE CHARACTERISTICS:
72 LENGTH: 17 base pairs
73 TYPE: nucleic acid
74 STRANDEDNESS: single
75 TOPOLOGY: linear
76
77 US-08-584-040-8134
78
79
80 Query Match 1.0%; Score 12.2; DB 1; Length 17;
81 Best Local Similarity 82.4%; Pred. NO. 3.2e+02;
82
83

```

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1470 AAATAGATTCTTAAAT 1486  
17 AAATAGATTCTTAAAT 1

RESULT 400  
US-08-679-645-792/c  
Sequence 792, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 792:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-679-645-792

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

640 AATATAGGATTTCTTCT 656  
17 AAGATAAGGATTTATCT 1

RESULT 401  
US-09-468-265-22  
Sequence 22, Application US/09468265  
Patent No. 6379928  
GENERAL INFORMATION:  
APPLICANT: Berka, Randy M  
APPLICANT: Cullen, Daniel  
APPLICANT: Gray, Gregory L  
APPLICANT: Hayenga, Kirk J  
APPLICANT: Lawlis, Virgil B  
TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous Fungi, Proces  
TITLE OF INVENTION: Making Same and Vectors for Making Same  
FILE REFERENCE: A-42909-5  
CURRENT APPLICATION NUMBER: US/09/468,265  
CURRENT FILING DATE: 1999-12-10  
PRIOR APPLICATION NUMBER: 08/484,384  
PRIOR FILING DATE: 1995-06-07  
PRIOR APPLICATION NUMBER: 08/284,942  
PRIOR FILING DATE: 1994-08-02  
PRIOR APPLICATION NUMBER: 07/413,010  
PRIOR FILING DATE: 1989-09-25  
PRIOR APPLICATION NUMBER: 07/163,219  
PRIOR FILING DATE: 1988-02-26  
PRIOR APPLICATION NUMBER: 06/882,224  
PRIOR FILING DATE: 1986-07-07  
PRIOR APPLICATION NUMBER: 08/771,374  
PRIOR FILING DATE: 1985-08-29  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 22  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthetic oligonucleotide probes

US-09-468-265-22

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 3.2e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1271 AGTATAAGTACATTA 1285  
DB 2 AATATAATATATTA 16

RESULT 402  
US-09-468-265-25  
Sequence 25, Application US/09468265  
Patent No. 6379928  
GENERAL INFORMATION:  
APPLICANT: Berka, Randy M  
APPLICANT: Cullen, Daniel  
APPLICANT: Gray, Gregory L  
APPLICANT: Hayenga, Kirk J  
APPLICANT: Lawlis, Virgil B  
TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous Fungi, Proces  
TITLE OF INVENTION: Making Same and Vectors for Making Same  
FILE REFERENCE: A-42909-5  
CURRENT APPLICATION NUMBER: US/09/468,265  
CURRENT FILING DATE: 1999-12-10  
PRIOR APPLICATION NUMBER: 08/484,384  
PRIOR FILING DATE: 1995-06-07  
PRIOR APPLICATION NUMBER: 08/284,942  
PRIOR FILING DATE: 1994-08-02  
PRIOR APPLICATION NUMBER: 07/413,010  
PRIOR FILING DATE: 1989-09-25  
PRIOR APPLICATION NUMBER: 07/163,219  
PRIOR FILING DATE: 1988-02-26  
PRIOR APPLICATION NUMBER: 06/882,224  
PRIOR FILING DATE: 1986-07-07  
PRIOR APPLICATION NUMBER: 06/771,374  
PRIOR FILING DATE: 1985-08-29

```
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 25
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide probe
US-09-468-265-25

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 73.3%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1271 AGTATAAGTACATTA 1285
   |||:|:|:|:|:|
Db 2 ARTAYARTACATCA 16

RESULT 403
US-09-468-265-27
; Sequence 27, Application US/09468265
; Patent No. 6379928
; GENERAL INFORMATION:
; APPLICANT: Berka, Randy M
; APPLICANT: Cullen, Daniel
; APPLICANT: Gray, Gregory L
; APPLICANT: Hayenga, Kirk J
; APPLICANT: Lawlis, Virgil B
; TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous Fungi, Process
; FILE REFERENCE: A-42909-5
; CURRENT APPLICATION NUMBER: US/09/468,265
; CURRENT FILING DATE: 1999-12-10
; PRIOR APPLICATION NUMBER: 08/484,384
; PRIOR FILING DATE: 1995-06-07
; PRIOR FILING DATE: 1994-08-02
; PRIOR APPLICATION NUMBER: 07/413,010
; PRIOR FILING DATE: 1989-09-25
; PRIOR APPLICATION NUMBER: 07/163,219
; PRIOR FILING DATE: 1988-02-26
; PRIOR APPLICATION NUMBER: 06/882,224
; PRIOR FILING DATE: 1986-07-07
; PRIOR APPLICATION NUMBER: 06/771,374
; PRIOR FILING DATE: 1985-08-29
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 27
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide probe
US-09-468-265-27

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1047 TTATGCTATTAT 1059
   |||:|:|:|:|
Db 17 TTATGCTATTAT 5

RESULT 405
US-09-486-553-4
; Sequence 4, Application US/09486553
; Patent No. 6428324
; GENERAL INFORMATION:
; APPLICANT: Parrington, Mark
; TITLE OF INVENTION: RNA RESPIRATORY SYNCYTIAL VIRUS VACCINES
; FILE REFERENCE: 1038-1020
; CURRENT APPLICATION NUMBER: US/09/486,553
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: 08/923,558
; PRIOR FILING DATE: 1997-09-04
; PRIOR APPLICATION NUMBER: PCT/CA98/00840
; PRIOR FILING DATE: 1998-09-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: respiratory syncytial virus
; OTHER INFORMATION:
US-09-486-553-4

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 TGAACCTAACATCCTAG 1323
   |||:|:|:|:|
Db 1 TGAACCTAACATCCTAG 17

RESULT 406
US-09-527-030G-110
; Sequence 110, Application US/09527030G
; Patent No. 6482586
```



```
GENERAL INFORMATION:
APPLICANT: VAN DOORN, Leen-Jan et al.
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and c
TITLE OF INVENTION: specific reverse hybridization.
FILE REFERENCE: 3501-0101P
CURRENT APPLICATION NUMBER: US/09/527,030G
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SOFTWARE: PatentIn version 3.0
SEQ ID NO 110
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Type specific probe derived from the Human Papillomavirus (HPV)
IS-09-527-030G-110

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2Y 1619 AATATAATTGTTGTCA 1635
   ||| ||||| |||
Db 1 AATGGAATTGTTGGCA 17

RESULT 407
US-09-479-645A-18/c
; Sequence 18, Application US/09479645A
; Patent No. 6489141
; GENERAL INFORMATION:
; APPLICANT: FRAZER, Ian Hector
; APPLICANT: ZHOU, Jian
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCE AND METHOD FOR SELECTIVELY
; TITLE OF INVENTION: EXPRESSING A PROTEIN IN A TARGET CELL OR TISSUE
; FILE REFERENCE: 210338.000/105
; CURRENT APPLICATION NUMBER: US/09/479,645A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: PCT/AU98/00530
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: AU P07765
; PRIOR FILING DATE: 1997-07-09
; PRIOR APPLICATION NUMBER: AU P09467
; PRIOR FILING DATE: 1997-09-11
; NUMBER OF SEQ ID NOS: 219
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide specific for Glu(GAA)
US-09-479-645A-18

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1363 AGTCTGTGTGTGAATTA 1379
   ||| ||||| |||
Db 17 AATGCTGTGTGAATTA 1

RESULT 408
US-09-300-958A-63/c
; Sequence 63, Application US/09300958A
; Patent No. 6495319
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
```

```
; TITLE OF INVENTION: Using Same
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-63

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 TACAAAAACACCAAT 631
   ||| ||||| |||
Db 17 TAAAAAATAAAAAAAT 1

RESULT 409
US-09-474-432B-535
; Sequence 535, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribosome Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Swedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle
; FILE REFERENCE: MHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 535
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-535

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 3.2e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1363 AGTCTGTGTGTGAATTA 1379
   ||| ||||| |||
Db 1 AGUGAUGUGUGGAGUUA 17

RESULT 410
US-09-371-772B-360
```

```
Sequence 360, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 360
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-360

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

/      1178 AGATAAATTCATCAG 1194
      |||::|::|::|::|
      1 AAAGAAAUUACAACAG 17

RESULT 411
US-09-371-772B-595/c
Sequence 595, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 595
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-595

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

/      441 CTTCAAGCAATCTACT 457
      |||::|::|::|::|
      17 CTTGAAGCAATCACT 1

RESULT 412
US-09-371-772B-732
Sequence 732, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 732
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-732

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY      1519 GCTTTATATTTTACT 1535
DB      1 GCUUUUUUUUUUGACU 17

RESULT 413
US-09-371-772B-849
Sequence 849, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MHH00,876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: Patent in version 3.0
SEQ ID NO 849
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-849

Query Match      1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 3.2e+02;
Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

QY      1146 ATTTTATTTTACTATT 1162
DB      1 AUUCUUAUUUGGUUAU 17

RESULT 414
US-09-371-772B-850
Sequence 850, Application US/09371772B
Patent No. 6566127
```

## GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 850

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-850

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 23.5%; Pred. No. 3.2e+02;

Matches 4; Conservative 10; Mismatches 3; Indels 0; Gaps 0;

y 1147 TTTTATTATGATATTA 1163

:::|:::|:::|:::|

b 1 UUCUUAUUGGUUAUA 17

## RESULT 415

US-09-371-772B-884/c

Sequence 884, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 884

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-884

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1026 AACTTATTACCTATTT 1042

:::|:::|:::|:::|

b 17 ACCTTATTGACCTTTT 1

## RESULT 416

US-09-371-772B-920

Sequence 920, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 884

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-884

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1026 AACTTATTACCTATTT 1042

:::|:::|:::|:::|

b 17 ACCTTATTGACCTTTT 1

RESULT 416

US-09-371-772B-920

Sequence 920, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 884

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-884

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1026 AACTTATTACCTATTT 1042

:::|:::|:::|:::|

b 17 ACCTTATTGACCTTTT 1

## RESULT 418

US-09-371-772B-1224/c

Sequence 1224, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1079

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-1079

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1086 TTTGGAAAAATAGAGA 1102

:::|:::|:::|:::|

b 17 TTTGGAAAAATAGAGA 1

## RESULT 418

US-09-371-772B-1224/c

Sequence 1224, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyne Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

FILE REFERENCE: MBH00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1079

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-1079

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

y 1086 TTTGGAAAAATAGAGA 1102

:::|:::|:::|:::|

b 17 TTTGGAAAAATAGAGA 1

```
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1224
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
3-09-371-772B-1224

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

/ 1594 ATAAAAGTAAATATGAA 1610
3 17 ATAAAAGTAACTTTAA 1

RESULT 419
3-09-371-772B-1225/c
Sequence 1225, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1225
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
3-09-371-772B-1225

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

/ 1593 TATAAAAGTAAATATGAA 1609
3 17 TATAAAAGTAACTTTAA 1

RESULT 420
3-09-371-772B-1239
Sequence 1239, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
```

```
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1239
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1239

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 3.2e+02;
Matches 5; Conservative 9; Mismatches 3; Indels 0; Gaps 0;

QY 906 TTCTCCTTTATTTCTA 922
DB 1 UUGGUCCUAUUUCUA 17

RESULT 421
US-09-371-772B-1318/c
Sequence 1318, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MBEH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1318
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-1318

Query Match 1.0%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1563 TTTTCTTACTCTTCT 1579
DB 17 TTTTCTTAAATTTTCT 1

RESULT 422
US-09-371-772B-1351/c
Sequence 1351, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
```

APPLICANT: Stinchcomb, Dan  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 FILE REFERENCE: MEH00,876-J (237/198)  
 CURRENT APPLICATION NUMBER: US/09/371,772B  
 CURRENT FILING DATE: 1999-08-10  
 PRIOR APPLICATION NUMBER: US 60/005,974  
 PRIOR FILING DATE: 1995-10-26  
 PRIOR APPLICATION NUMBER: US 08/584,040  
 PRIOR FILING DATE: 1996-01-08  
 NUMBER OF SEQ ID NOS: 14225  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1351  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 US-09-371-772B-1351

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1203 GATTAACAAACAAACA 1219  
 DB 17 GGTAAACAAACAAACAAA 1

RESULT 423  
 US-09-371-772B-1381/c  
 ; Sequence 1381, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 ; FILE REFERENCE: MEH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1381  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-371-772B-1381

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 803 ATAAAGCTCAAAATTAGC 819  
 DB 17 ATAAAGCTCAAAACTAGC 1

RESULT 424  
 US-09-371-772B-1615  
 ; Sequence 1615, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
 TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 FILE REFERENCE: MEH00,876-J (237/198)  
 CURRENT APPLICATION NUMBER: US/09/371,772B  
 CURRENT FILING DATE: 1999-08-10  
 PRIOR APPLICATION NUMBER: US 60/005,974  
 PRIOR FILING DATE: 1995-10-26  
 PRIOR APPLICATION NUMBER: US 08/584,040  
 PRIOR FILING DATE: 1996-01-08  
 NUMBER OF SEQ ID NOS: 14225  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1615  
 LENGTH: 17  
 TYPE: RNA  
 ORGANISM: Homo sapiens  
 US-09-371-772B-1615

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 47.1%; Pred. No. 3.2e+02;  
 Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1453 ACTGTTTATTATGAC 1469  
 DB 1 ACCAGUCUAUUGUAC 17

RESULT 425  
 US-09-371-772B-1753/c  
 ; Sequence 1753, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 ; FILE REFERENCE: MEH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 1753  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-371-772B-1753

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
 Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1133 TTATAGTAAATTTATT 1149  
 DB 17 TTAGAGCAATTTATT 1

RESULT 426  
 US-09-371-772B-2026/c  
 ; Sequence 2026, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1995-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2026  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
3-09-371-772B-2026

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

969 AGGACATGTCGAGAC 985  
17 AGGATATGGAGAGCAC 1

RESULT 427  
3-09-371-772B-3728  
Sequence 3728 Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1995-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3728  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
3-09-371-772B-3728

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 35.3%; Pred. No. 3.2e+02;  
Matches 6; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

586 TTATATGTAAGTATTA 602  
1 UUUUAUCUCAGUAUUA 17

RESULT 428  
3-09-371-772B-3745  
Sequence 3745 Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1995-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3745  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-3745

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 41.2%; Pred. No. 3.2e+02;  
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

1152 TTTTATGATTTAAATGA 1168  
1 UUUUAUAUCCCAUGA 17

RESULT 429  
US-09-371-772B-3917/c  
Sequence 3917 Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1995-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 3917  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-3917

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1470 AAATAGATTCCTATTAAT 1486  
17 AAATAGATTTATTAAT 1

RESULT 430  
US-09-371-772B-4490/c  
Sequence 4490 Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor

```

RESULT 432
US-09-371-772B-5454/C
; Sequence 5454, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McGswiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular En
; FILE REFERENCE: MBH00, 876-J (237/198)

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RESULT 434  
US-09-371-772B-6296/c  
; Sequence 6296, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for  
; TITLE OF INVENTION: Levels of Vascular E  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371-772B

CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6296  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
S-09-371-772B-6296

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 614 CTACAAACAAACAA 630  
b 17 CTTCACAAACAAACAA 1

RESULT 435  
S-09-371-772B-6329/c  
Sequence 6329, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6329  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
S-09-371-772B-6329

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 428 GATGCGAGTGAACTTC 444  
b 17 GATGACAGTGTAATTC 1

RESULT 436  
S-09-371-772B-6645  
Sequence 6645, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6645  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6645

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 3.2e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 934 TATTAGCCACATCTTA 950  
DB 1 UAUGGUCACCAUCUA 17

RESULT 437  
US-09-371-772B-6756  
Sequence 6756, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6756  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6756

Query Match 1.0%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 3.2e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 624 CAACAAATATTTTGA 640  
DB 1 CCAGAAACAAUUUUUGA 17

RESULT 438  
US-09-316-083-22/c  
Sequence 22, Application US/09316083A  
Patent No. 6280942  
GENERAL INFORMATION:  
APPLICANT: The Institute of Physical and Chemical Research  
TITLE OF INVENTION: Endonuclease  
FILE REFERENCE: PH-651  
CURRENT APPLICATION NUMBER: US/09/316,083A  
CURRENT FILING DATE: 1999-05-20  
EARLIER APPLICATION NUMBER: JP98/141861  
EARLIER FILING DATE: 1998-05-22  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 22  
LENGTH: 18



TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA  
US-09-316-083-22

Query Match 1.0%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1247 CAGATAACCAATA 1263  
17 CAGATAACCAATA 1

RESULT 439  
US-09-933-700-22/c  
Sequence 22, Application US/09933700  
Patent No. 6528296  
GENERAL INFORMATION:  
APPLICANT: The Institute of Physical and Chemical Research  
TITLE OF INVENTION: Endonuclease  
FILE REFERENCE: PH-651  
CURRENT APPLICATION NUMBER: US/09/933,700  
CURRENT FILING DATE: 2001-08-20  
PRIOR APPLICATION NUMBER: 09/316,083  
PRIOR FILING DATE: 1999-05-20  
NUMBER OF SEQ ID NOS: 38  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 22  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA  
US-09-933-700-22

Query Match 1.0%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 3.7e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1247 CAGATAACCAATA 1263  
17 CAGATAACCAATA 1

RESULT 440  
US-09-280-805-239  
Sequence 239, Application US/09280805  
Patent No. 6184212  
GENERAL INFORMATION:  
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
APPLICANT: Graham, Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
TITLE OF INVENTION: EXPRESSION  
NUMBER OF SEQUENCES: 271  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PC  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/280,805  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810  
FILING DATE: March 26, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane Massey  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0346  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 609-810-1515  
TELEFAX: 609-810-1454  
INFORMATION FOR SEQ ID NO: 239:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-280-805-239

Query Match 1.0%; Score 12.2; DB 1; Length 20;  
Best Local Similarity 82.4%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1603 AATATGAACATTAA 1619  
2 AATAAGTTACATTAA 18

RESULT 441  
US-09-165-868-8/c  
Sequence 8, Application US/09165868  
Patent No. 6465176  
GENERAL INFORMATION:  
APPLICANT: Message Pharmaceuticals, Inc.  
TITLE OF INVENTION: METHOD FOR IDENTIFYING COMPOUNDS  
TITLE OF INVENTION: AFFECTING RNA/RNA BINDING PROTEIN INTERACTIONS  
FILE REFERENCE: 50093/003W01  
CURRENT APPLICATION NUMBER: US/09/165,868  
CURRENT FILING DATE: 1998-10-02  
PRIOR APPLICATION NUMBER: PCT/US99/21672  
PRIOR FILING DATE: 1999-09-16  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 8  
LENGTH: 21  
TYPE: RNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-165-868-8

Query Match 1.0%; Score 12.2; DB 1; Length 21;  
Best Local Similarity 82.4%; Pred. No. 5e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1590 AATATAAAAGTAATA 1606  
20 AATAATAATAATAATA 4

RESULT 442  
US-09-043-149-42  
Sequence 42, Application US/09043149  
Patent No. 6355418  
GENERAL INFORMATION:  
APPLICANT: Schmidt, Gunter  
TITLE OF INVENTION: Chimeric Oligonucleotides and Uses Thereof in the  
TITLE OF INVENTION: Identification of Antisense Binding Sites  
FILE REFERENCE: 020600-272  
CURRENT APPLICATION NUMBER: US/09/043,149  
CURRENT FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: PCT/GB96/02275  
PRIOR FILING DATE: 1996-09-13  
PRIOR APPLICATION NUMBER: GB 9518864.5

PRIOR FILING DATE: 1995-09-14  
NUMBER OF SEQ ID NOS: 54  
SOFTWARE: Patent in version 3.1  
SEQ ID NO 42  
LENGTH: 12  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: oligonucleotide  
3-09-043-149-42

Query Match 1.0%; Score 12; DB 1; Length 12;  
Best Local Similarity 100.0%; Pred. No. 1.4e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1038 TATTATTATT 1049  
1 TATTATTATT 12

RESULT 443  
3-09-475-947A-3  
Sequence 3, Application US/09475947A  
Patent No. 6472154  
GENERAL INFORMATION:  
APPLICANT: Garner, Harold R.  
APPLICANT: Wren, Jonathan D.  
APPLICANT: Minna, John D.  
TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
FILE REFERENCE: UTSD0667  
CURRENT APPLICATION NUMBER: US/09/475,947A  
CURRENT FILING DATE: 1999-12-31  
NUMBER OF SEQ ID NOS: 346  
SOFTWARE: Patent in Ver. 2.1  
SEQ ID NO 3  
LENGTH: 13  
TYPE: DNA  
ORGANISM: human  
S-09-475-947A-3

Query Match 1.0%; Score 12; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0;  
616 ACAAAAACAAC 627  
2 ACAAAAACAAC 13

RESULT 444  
S-08-311-760A-63/c  
Sequence 63, Application US/08311760A  
Patent No. 5599706  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: McSwiggen, James  
APPLICANT: Newton, Roger S.  
APPLICANT: Ramharack, Randy  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
TITLE OF INVENTION: INHIBITING ADOLIPROTEIN  
NUMBER OF SEQUENCES: 392  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,760A  
FILING DATE: September 23, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/155  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-760A-63

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
963 GTGTGAGGACA 974  
13 GTGTGAGGACA 2

RESULT 445  
US-08-319-492B-166  
Sequence 166, Application US/08319492B  
Patent No. 5616488  
GENERAL INFORMATION:  
APPLICANT: Sullivan, Sean M.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF IL-5  
NUMBER OF SEQUENCES: 751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/319,492B  
FILING DATE: October 7, 1994  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992



2 GUAAUUAUUA 13

## RESULT 448

3-08-319-492B-178/c  
Sequence 178, Application US/08319492B  
Patent No. 5616488

## GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF IE-5

NUMBER OF SEQUENCES: 751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/276

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 178:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

3-08-319-492B-178

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 100.0%; Pred.No. 2.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1169 TCTTTTATTAGA 1180

13 TCTTTTATTAGA 2

## RESULT 449

3-08-334-847-511/c  
Sequence 511, Application US/08334847  
Patent No. 5693532

## GENERAL INFORMATION:

APPLICANT: McSwiggen, James

APPLICANT: Draper, Kenneth

APPLICANT: Pavco, Pam

APPLICANT: Woolf, Tod  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: INHIBITING RESPIRATORY  
TITLE OF INVENTION: SYNCYTIAL VIRUS  
NUMBER OF SEQUENCES: 909  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/334,847  
FILING DATE: No. 5693532ember 4, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/032  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 511:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-334-847-511

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 100.0%; Pred.No. 2.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 525 ATTGAATTCA 536

Db 12 ATTGAATTCA 1

## RESULT 450

US-08-334-847-598/c

Sequence 598, Application US/08334847

Patent No. 5693532

GENERAL INFORMATION:

APPLICANT: McSwiggen, James

APPLICANT: Draper, Kenneth

APPLICANT: Pavco, Pam

APPLICANT: Woolf, Tod

TITLE OF INVENTION: METHOD AND REAGENT FOR

TITLE OF INVENTION: INHIBITING RESPIRATORY

TITLE OF INVENTION: SYNCYTIAL VIRUS

NUMBER OF SEQUENCES: 909

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

two

two

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 195:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

3-08-311-486C-195

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 25.0%; Pred. No. 2.6e+02;

Matches 3; Conservative 9; Mismatches 0; Indels 0;

Y 1038 TATTATTATT 1049

U 4 UAUUUUUUUU 15

RESULT 453

3-08-311-486C-208

Sequence 208, Application US/08311486C

Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan

APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 208:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-311-486C-208

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 33.3%; Pred. No. 2.6e+02;

Matches 4; Conservative 8; Mismatches 0; Indels 0;

QY 1050 ATGTATTATT 1061

DB 4 AUGUUUUUUU 15

RESULT 454

US-08-311-486C-209

Sequence 209, Application US/08311486C

Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan

APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 209:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-311-486C-209

Query Match 1.0%; Score 12; DB 1; Length 15;

Best Local Similarity 33.3%; Pred. No. 2.6e+02;

Matches 4; Conservative 8; Mismatches 0; Indels 0;

QY 1050 ATGTATTATT 1061

DB 4 AUGUUUUUUU 15

Db 2 AUGUAUUUUUU 13

RESULT 455  
US-08-311-486C-210  
; Sequence 210, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisich  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311.486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/166  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 210:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-311-486C-210

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 33.3%; Pred. No. 2.6e+02;  
Matches 4; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATT 1061  
Db 1 AUGUAUUUUUU 12

RESULT 456  
US-08-311-486C-703  
; Sequence 703, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:

; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisich  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311.486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/166  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 703:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-311-486C-703

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 25.0%; Pred. No. 2.6e+02;  
Matches 3; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 1038 TATTATTATTATT 1049  
Db 4 UAUUUUUUUUU 15

RESULT 457  
US-08-311-486C-704  
; Sequence 704, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:

; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisich  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF

two

two

```

TITLE OF INVENTION: TNP-1
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
  ADDRESSEE: Lyon & Lyon
  STREET: 633 West Fifth Street
  CITY: Suite 4700
  STATE: Los Angeles
  COUNTRY: U.S.A.
  ZIP: 90071-2066
COMPUTER READABLE FORM:
  MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
  MEDIUM TYPE: storage
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: IBM P.C. DOS 5.0
  SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/311,486C
  FILING DATE: September 23, 1994
  CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
  APPLICATION NUMBER: 08/008,895
  FILING DATE: January 19, 1993
  FILING DATE: December 7, 1992
  ATTORNEY/AGENT INFORMATION:
    NAME: Warburg, Richard J.
    REGISTRATION NUMBER: 32,327
    REFERENCE/DOCKET NUMBER: 209/166
    TELEPHONE: (213) 489-1600
    TELEFAX: (213) 955-0440
    TELEX: 67-3510
  INFORMATION FOR SEQ ID NO: 704:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 15 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
S-08-311-486C-704

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 25.0%; Pred. No. 2.6e+02;
Matches 3; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Y 1038 TATTATTATT 1049
b 4 UAUUUUAUUU 15

RESULT 458
S-08-311-486C-719
Sequence 719, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
  APPLICANT: Sean Sullivan
  APPLICANT: Kenneth Draper
  APPLICANT: Kevin Kisich
  APPLICANT: Dan T. Stinchcomb
  APPLICANT: James McSwiggen
  TITLE OF INVENTION: RIBOZYME TREATMENT OF
  TITLE OF INVENTION: DISEASES OR CONDITIONS
  TITLE OF INVENTION: RELATED TO LEVELS OF
  TITLE OF INVENTION: TNP-1
  NUMBER OF SEQUENCES: 1157
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Lyon & Lyon
    STREET: 633 West Fifth Street
    CITY: Suite 4700
    STATE: Los Angeles
    COUNTRY: U.S.A.
    ZIP: 90071-2066
COMPUTER READABLE FORM:
  MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
  MEDIUM TYPE: storage
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: IBM P.C. DOS 5.0
  SOFTWARE: Word Perfect 5.1

```

```

COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
  MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
  MEDIUM TYPE: storage
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: IBM P.C. DOS 5.0
  SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/311,486C
  FILING DATE: September 23, 1994
  CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
  APPLICATION NUMBER: 08/008,895
  FILING DATE: January 19, 1993
  FILING DATE: December 7, 1992
  ATTORNEY/AGENT INFORMATION:
    NAME: Warburg, Richard J.
    REGISTRATION NUMBER: 32,327
    REFERENCE/DOCKET NUMBER: 209/166
    TELEPHONE: (213) 489-1600
    TELEFAX: (213) 955-0440
    TELEX: 67-3510
  INFORMATION FOR SEQ ID NO: 719:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 15 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
US-08-311-486C-719

Query Match 1.0%; Score 12; DB 1; Length 15;
Best Local Similarity 25.0%; Pred. No. 2.6e+02;
Matches 3; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 1038 TATTATTATT 1049
Db 4 UAUUUUAUUU 15

RESULT 459
US-08-311-486C-729
Sequence 729, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
  APPLICANT: Sean Sullivan
  APPLICANT: Kenneth Draper
  APPLICANT: Kevin Kisich
  APPLICANT: Dan T. Stinchcomb
  APPLICANT: James McSwiggen
  TITLE OF INVENTION: RIBOZYME TREATMENT OF
  TITLE OF INVENTION: DISEASES OR CONDITIONS
  TITLE OF INVENTION: RELATED TO LEVELS OF
  TITLE OF INVENTION: TNP-1
  NUMBER OF SEQUENCES: 1157
  CORRESPONDENCE ADDRESS:
    ADDRESSEE: Lyon & Lyon
    STREET: 633 West Fifth Street
    CITY: Suite 4700
    STATE: Los Angeles
    COUNTRY: U.S.A.
    ZIP: 90071-2066
COMPUTER READABLE FORM:
  MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
  MEDIUM TYPE: storage
  COMPUTER: IBM Compatible
  OPERATING SYSTEM: IBM P.C. DOS 5.0
  SOFTWARE: Word Perfect 5.1

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;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/311,486C  
;/ FILING DATE: September 23, 1994  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA: including application  
;/ PRIOR APPLICATION DATA: described below:  
;/ APPLICATION NUMBER: 08/008,895  
;/ FILING DATE: January 19, 1993  
;/ APPLICATION NUMBER: 07/989,849  
;/ FILING DATE: December 7, 1992  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 209/166  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 729:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 15 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-311-486C-729

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 33.3%; Pred. No. 2.6e+02;  
Matches 4; Conservative 8; Mismatches 0; Indels 0; Gaps 0;  
QY 1050 ATGTATTATT 1061  
Db 4 AUGAUUUUUU 15

RESULT 460  
US-08-311-486C-730  
; Sequence 730, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisch  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311,486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895

two

;/ FILING DATE: January 19, 1993  
;/ APPLICATION NUMBER: 07/989,849  
;/ FILING DATE: December 7, 1992  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 209/166  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 730:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 15 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-311-486C-730

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 33.3%; Pred. No. 2.6e+02;  
Matches 4; Conservative 8; Mismatches 0; Indels 0; Gaps 0;  
QY 1050 ATGTATTATT 1061  
Db 2 AUGAUUUUUU 13

RESULT 461  
US-08-311-486C-731  
; Sequence 731, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisch  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSER: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311,486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/166  
; TELECOMMUNICATION INFORMATION:

two

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 731:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-311-486C-731

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 33.3%; Pred. No. 2.6e+02;  
Matches 4; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1050 ATGTATTATT 1061  
|:|:|:|:|:|:|:  
b 1 AUGUAUUUUU 12

RESULT 462  
S-08-292-620A-216  
Sequence 216, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:

APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-216

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 33.3%; Pred. No. 2.6e+02;  
Matches 4; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

Qy 1049 TATGTATTATT 1060  
|:|:|:|:|:|:|:  
Db 3 UAUGUAUUUUU 14

RESULT 463  
US-08-292-620A-498/c  
Sequence 498, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:

APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 498:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-498

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-08-774-310-63/c  
; Sequence 63, Application US/08774310  
; Patent No. 5877022  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/774,310  
; FILING DATE: December 23, 1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/311,760  
; FILING DATE: September 23, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 223/229  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 53:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-774-310-63  
Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-08-774-310-63/c  
; Sequence 63, Application US/08774310  
; Patent No. 5877022  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Newton, Roger S.  
; APPLICANT: Ramharack, Randy  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF  
; TITLE OF INVENTION: PLASMA LIPOPROTEIN (a) [LP(a)] BY  
; TITLE OF INVENTION: INHIBITING APOLIPOPROTEIN  
; NUMBER OF SEQUENCES: 392  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 578:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-292-620A-578  
Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

two

RESULT 465

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 216:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-09-071-845-216

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 33.3%; Pred. No. 2.6e+02;  
Matches 4; Conservative 8; Mismatches 0; Indels 0;  
Gaps 0;

RESULT 467  
S-09-071-845-498/c  
Sequence 498, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 498:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-498

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0;  
Gaps 0;

Qy 862 TCTGTAGCCAG 873  
Db 13 TCTGTAGCCAG 2

RESULT 468  
US-09-071-845-578/c  
Sequence 578, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 578:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-578

Query Match 1.0%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 2.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 862 TCTGCTAGCCAG 873  
DB 13 TCTGCTAGCCAG 2

RESULT 469  
US-09-564-399A-3/c  
Sequence 3, Application US/09564399A  
Patent No. 6274373  
GENERAL INFORMATION:  
APPLICANT: Virtanen, Jorma  
TITLE OF INVENTION: Gene Sequencer and Methods  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Oppenheimer Wolff & Donnelly LLP  
STREET: 2029 Century Park East, Suite 3800  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Microsoft Windows 98  
SOFTWARE: MS Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/564,399A  
FILING DATE: 01-May-2000  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/564,399  
FILING DATE: May 1, 2000  
APPLICATION NUMBER: PCT/US/98/03362  
FILING DATE: February 20, 1998  
APPLICATION NUMBER: 60/039,027  
FILING DATE: February 21, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Oldenkamp, David J.  
REGISTRATION NUMBER: 29,421  
REFERENCE/DOCKET NUMBER: 18950-62 (formerly 18950-23-1)

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (310) 788-5000  
TELEFAX: (310) 788-5100  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single-stranded DNA  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-564-399A-3  
Query Match 1.0%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1560 AAATTTTITTA 1571  
DB 15 AAATTTTITTA 4  
RESULT 470  
US-09-861-787A-3/c  
Sequence 3, Application US/09861787A  
Patent No. 6566069  
GENERAL INFORMATION:  
APPLICANT: Virtanen, Jorma  
TITLE OF INVENTION: Gene Sequencer and Methods  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Oppenheimer Wolff & Donnelly LLP  
STREET: 2029 Century Park East, Suite 3800  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Microsoft Windows 98  
SOFTWARE: MS Word  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/861,787A  
FILING DATE: 21-May-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/564,399  
FILING DATE: May 1, 2000  
APPLICATION NUMBER: 09/064,635  
FILING DATE: April 21, 1998  
APPLICATION NUMBER: PCT/US/98/03362  
FILING DATE: February 20, 1998  
APPLICATION NUMBER: 60/039,027  
FILING DATE: February 21, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: SMITH, Guy P.  
REGISTRATION NUMBER: 20,142  
REFERENCE/DOCKET NUMBER: 18950-67 (formerly 18950-62)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (310) 788-5000  
TELEFAX: (310) 788-5100  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16  
TYPE: nucleic acid  
STRANDEDNESS: single-stranded DNA  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-09-861-787A-3  
Query Match 1.0%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1560 AAATTTTITTTA 1571  
 b 15 AAATTTTITTTA 4

RESULT 471

S-09-371-772B-6094  
 Sequence 6094, Application US/09371772B  
 Patent No. 6566127  
 GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re-

lated to the Treatment of Endothelial Growth Factor Receptor

FILE REFERENCE: MBH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

PRIOR FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6094

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

S-09-371-772B-6094

Query Match 1.0%; Score 12; DB 1; Length 16;

Best Local Similarity 58.3%; Pred. No. 3.1e-02;

Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Y 1578 CTCGATTGTATCG 1589  
 b 5 CUGAUGUAGUGG 16

RESULT 472

S-08-373-124A-2039  
 Sequence 2039, Application US/08373124A  
 Patent No. 5646042  
 GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESS: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/373,124A

FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 2039:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-2039

Query Match 1.0%; Score 12; DB 1; Length 17;  
 Best Local Similarity 50.0%; Pred. No. 3.6e+02;  
 Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 544 ATGATAGTGTTT 555  
 DB 3 AUGAUAUUAUU 14

RESULT 473

US-08-435-628-2039  
 Sequence 2039, Application US/08435628  
 Patent No. 5817796  
 GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESS: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2039:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2039

Query Match 1.0%; Score 12; DB 1; Length 17;  
Best Local Similarity 50.0%; Pred. No. 3.6e+02;  
Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 544 ATGAATAGTTT 555  
Db 3 AUGAAUAGUUU 14

RESULT 474  
US-08-985-162-196  
Sequence 196, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 196:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-196

Query Match 1.0%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 3.6e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 723 TAATTCAGGAA 734  
Db 5 UAAUUCAGGAA 16

RESULT 475  
US-08-985-162-197  
Sequence 197, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 197:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-197

Query Match 1.0%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 3.6e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 723 TAATTCAGGAA 734  
Db 4 UAAUUCAGGAA 15

```

RESULT 476
S-08-985-162-513
Sequence 513, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 513:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-985-162-513

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 41.7%; Pred. No. 3.6e+02;
Matches 5; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Y 550 AGTTTTCATTG 561
b 6 AGUUUUUUAUG 17
||:||||:|

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RESULT 477
S-08-985-162-713
Sequence 713, Application US/08985162
Patent No. 6057156
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwigen, James
TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 513:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
S-08-985-162-713

Query Match 1.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 3.6e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1599 AGTAAATATGAA 1610
Db 6 AGUAAAUUGAA 17
||:||||:|

```

```

RESULT 478
US-08-584-040-2052
Sequence 2052, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0

```



SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2052:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2052

Query Match 1.0%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 3.6e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 441 CTTCAAGCAAT 452  
|:|||||:  
Db 6 CUUCAAGCAAU 17

RESULT 479  
US-08-584-040-2813  
; Sequence 2813, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2813:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2813

Query Match 1.0%; Score 12; DB 1; Length 17;  
Best Local Similarity 58.3%; Pred. No. 3.6e+02;  
Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1578 CTGATTGTATGG 1589  
|:|||||:  
Db 4 CTGAUGGUAUGG 15

RESULT 480  
US-08-584-040-2814  
; Sequence 2814, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2814:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-2814

Query Match 1.0%; Score 12; DB 1; Length 17;  
 Best Local Similarity 58.3%; Pred. No. 3.6e+02;  
 Matches 7; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Y 1578 CTGATTGATGG 1589  
 |:|:|:|:|:|:|:  
 b 1 CUGAUGUAGG 12

RESULT 481

S-08-584-040-5930  
 Sequence 5930, Application US/08584040  
 Patent No. 6346398

GENERAL INFORMATION:  
 APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITL OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 TITLE OF INVENTION: GROWTH FACTOR  
 NUMBER OF SEQUENCES: 8502  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/584,040  
 FILING DATE: January 11, 1996  
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/005,974  
 FILING DATE: October 26, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/064  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5930:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 S-08-584-040-5930

Query Match 1.0%; Score 12; DB 1; Length 17;  
 Best Local Similarity 50.0%; Pred. No. 3.6e+02;  
 Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Y 1014 ATTTCACGTG 1025  
 |:|:|:|:|:|:|:  
 b 6 AUUUUACAGUG 17

RESULT 482

S-08-584-040-5931  
 Sequence 5931, Application US/08584040

Patent No. 6346398  
 GENERAL INFORMATION:  
 APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITL OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 TITLE OF INVENTION: GROWTH FACTOR  
 NUMBER OF SEQUENCES: 8502  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/584,040  
 FILING DATE: January 11, 1996  
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 60/005,974  
 FILING DATE: October 26, 1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 218/064  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5931:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-584-040-5931

Query Match 1.0%; Score 12; DB 1; Length 17;  
 Best Local Similarity 50.0%; Pred. No. 3.6e+02;  
 Matches 6; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 1014 ATTTCACGTG 1025  
 |:|:|:|:|:|:|:  
 Db 5 AUUUUACAGUG 16

RESULT 483

US-08-584-040-5932  
 Sequence 5932, Application US/08584040  
 Patent No. 6346398

GENERAL INFORMATION:  
 APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITL OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 TITLE OF INVENTION: GROWTH FACTOR  
 NUMBER OF SEQUENCES: 8502





QY 441 CTTCAAGCAAAAT 452  
|:|||||:  
Db 5 CUCACAGCAAAU 16

## RESULT 491

US-09-371-772B-5289  
; Sequence 5289, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005.974  
; PRIOR FILING DATE: 1999-10-26  
; PRIOR APPLICATION NUMBER: US 08/584.040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5289  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5289

Query Match 1.0%; Score 12; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 3.6e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 980 AAGCACTTTAAG 991  
|:|||||:  
Db 5 AAGCACUUUAG 16

## RESULT 492

US-09-371-772B-5423/c  
; Sequence 5423, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371.772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005.974  
; PRIOR FILING DATE: 1999-10-26  
; PRIOR APPLICATION NUMBER: US 08/584.040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5423  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5423

Query Match 1.0%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.6e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1345 ATTGCCAGCTGT 1356  
|:|||||:  
Db 15 ATTGCCAGCTGT 4

## RESULT 493

US-08-311-486C-188/c  
; Sequence 188, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Ksiech  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311.486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/166  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 188:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-311-486C-188

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 TAAACACAAATAAT 1265  
|:|||||:  
Db 15 TAAATATAATAAT 1

## RESULT 494

US-08-311-486C-705/c  
; Sequence 705, Application US/08311486C

```

Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF- $\alpha$ 
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 705:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-705

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1251 TAAACACAAATAAT 1265
b 15 TAAATAATAATAAT 1

RESULT 495
US-08-446-486-13/c
Sequence 13, Application US/08446486
Patent No. 5545565
GENERAL INFORMATION:
APPLICANT: De Greve, Henri Marcel J
APPLICANT: Salgado, Maria Benita Leonor F
APPLICANT: Van Montagu, Marc Charles E
APPLICANT: Vaeck, Mark A
APPLICANT: Zabeau, Marcus Florent O
APPLICANT: Leemans, Jan Jozef A

Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Hofte, Hermanus Fransiscus P
TITLE OF INVENTION: TRANSFORMATION VECTORS ALLOWING
TITLE OF INVENTION: EXPRESSION OF FOREIGN POLYPEPTIDE ENDOTOXINS FROM BACILLUS
TITLE OF INVENTION: THURINGIENSIS IN PLANTS
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: George Mason Bldg., Washington & Prince Sts.
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,486
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/133,965
FILING DATE: 08-OCT-1993
APPLICATION NUMBER: US 08/014,148
FILING DATE: 05-FEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/555,828
FILING DATE: 23-JUL-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/821,582
FILING DATE: 22-JAN-1986
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/692,759
FILING DATE: 18-JAN-1985
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 010830-047
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..15
OTHER INFORMATION: /note= "sequence at 3' end of Bt2
US-08-446-486-13

Query Match 0.9%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.9e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1357 GTTGTAGTGTCTGTG 1371
b 15 GCTGTAGTGTCTGTG 1

RESULT 496
US-08-319-492B-45/c
Sequence 45, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James

```

APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF IL-5  
 NUMBER OF SEQUENCES: 751  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/319,492B  
 FILING DATE: October 7, 1994  
 PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/276  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELETYPE: 67-3510  
 INFORMATION FOR SEQ ID NO: 45:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

Two

US-08-319-492B-45  
 Query Match 0.9%; Score 11.8; DB 1; Length 15;  
 Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1456 TGTATTATATGACA 1470  
 Db 15 TGTATTATATGACA 1

RESULT 497  
 US-08-319-492B-113  
 Sequence 113, Application US/08319492B  
 Patent No. 5616488  
 GENERAL INFORMATION:  
 APPLICANT: Sullivan, Sean M.  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF IL-5  
 NUMBER OF SEQUENCES: 751  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California

COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/319,492B  
 FILING DATE: October 7, 1994  
 PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/276  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELETYPE: 67-3510  
 INFORMATION FOR SEQ ID NO: 113:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

Two

US-08-319-492B-113  
 Query Match 0.9%; Score 11.8; DB 1; Length 15;  
 Best Local Similarity 46.7%; Pred. No. 2.9e+02;  
 Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;  
 QY 1474 AGATTCTTATATAT 1488  
 Db 1 AAATUCUAAAU 15

RESULT 498  
 US-08-319-492B-164  
 Sequence 164, Application US/08319492B  
 Patent No. 5616488  
 GENERAL INFORMATION:  
 APPLICANT: Sullivan, Sean M.  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF IL-5  
 NUMBER OF SEQUENCES: 751  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/319,492B  
 FILING DATE: October 7, 1994

US-08-319-492B-164  
 Sequence 164, Application US/08319492B  
 Patent No. 5616488  
 GENERAL INFORMATION:  
 APPLICANT: Sullivan, Sean M.  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
 TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF IL-5  
 NUMBER OF SEQUENCES: 751  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/319,492B  
 FILING DATE: October 7, 1994

PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:

Two

APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/276

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 164:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-08-319-492B-164

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 46.7%; Pred. No. 2.9e+02;

Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Y 592 GTAACTATTATTATTA 606

b 1 GUAAUAGUUAUUU 15

RESULT 499

S-08-319-492B-165

Sequence 165, Application US/08319492B  
 Patent No. 5616488

GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF IL-5

NUMBER OF SEQUENCES: 751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/276

Two

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 165:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-319-492B-165

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 33.3%; Pred. No. 2.9e+02;

Matches 5; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

OY 595 AAGTATTATTATT 609

Db 1 AAUAGUUAUUUU 15

RESULT 500

US-08-319-492B-170

Sequence 170, Application US/08319492B

Patent No. 5616488

GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: McSwigen, James

APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF IL-5

NUMBER OF SEQUENCES: 751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/276

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 170:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-319-492B-170

Two



Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 26.7%; Pred. No. 2.9e+02;  
Matches 4; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

1142 ATTATTTTATTTTA 1156  
1 AUAUUAUUAUGUA 15

RESULT 501  
S-08-319-492B-423/c  
Sequence 423, Application US/08319492B  
Patent No. 5616488  
GENERAL INFORMATION:  
APPLICANT: Sullivan, Sean M.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF IL-5  
NUMBER OF SEQUENCES: 751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA: including application  
FILING DATE: October 7, 1994  
PRIOR APPLICATION DATA: described below:  
PRIOR APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/276  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 423:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1590 AAATATAAAGTAA 1604  
DB 15 AAATATAAATGAAA 1

RESULT 502

RESULT 502

US-08-319-492B-520/c  
Sequence 520, Application US/08319492B  
Patent No. 5616488  
GENERAL INFORMATION:  
APPLICANT: Sullivan, Sean M.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF IL-5  
NUMBER OF SEQUENCES: 751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA: including application  
FILING DATE: October 7, 1994  
PRIOR APPLICATION DATA: described below:  
PRIOR APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/276  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 520:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1477 TTCTTATTAATATAT 1491  
DB 15 TTATTAGATATATAT 1

RESULT 503

RESULT 503

```

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: NO. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/032
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 118:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-334-847-118

Query Match 0.9%; Score 11.8;
Best Local Similarity 86.7%; Pred. No. 2
Matches 13; Conservative 0; Mismatch

QY 1042 TATTATTATGATT 1056
DB 15 TATATTTATGATT 1

RESULT 505
US-08-334-847-119/c
Sequence 119, Application US/08334847
Patent No. 5693532
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Draper, Kenneth
APPLICANT: Pavco, Pam
APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT
TITLE OF INVENTION: INHIBITING RESPIRAT
TITLE OF INVENTION: SYNCTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESSES:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2065
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: NO. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/032
TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 119:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-334-847-119

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1038 TATTATATTATTATG 1052  
DB 15 TAATTATTAATTATG 1

RESULT 506  
US-08-334-847-326/C  
Sequence 326, Application US/08334847  
Patent No. 5693532  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James  
APPLICANT: Draper, Kenneth  
APPLICANT: Pavco, Pam  
APPLICANT: Woolf, Tod  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: INHIBITING RESPIRATORY  
NUMBER OF SEQUENCES: 909  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/334,847  
FILING DATE: No. 5693532ember 4, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/032  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 326:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-334-847-326

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2Y 1038 TATTATATTATTATG 1052  
DB 15 TAATTATTAATTATG 1

RESULT 507  
US-08-334-847-527  
Sequence 527, Application US/08334847  
Patent No. 5693532  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James  
APPLICANT: Draper, Kenneth  
APPLICANT: Pavco, Pam  
APPLICANT: Woolf, Tod  
TITLE OF INVENTION: METHOD AND REAGENT FOR  
TITLE OF INVENTION: INHIBITING RESPIRATORY  
NUMBER OF SEQUENCES: 909  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/334,847  
FILING DATE: No. 5693532ember 4, 1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/032  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 527:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-334-847-527

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 40.0%; Pred. No. 2.9e+02;  
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1451 AAACCTCTTTTATTAT 1465  
DB 15 ATACTGTATATTAT 1

1480 TTATAATATTATTATTA 1494  
DB 1 UGAUAAUUAUUGUA 15

RESULT 508  
US-08-334-847-528  
Sequence 528, Application US/08334847  
Patent No. 5693532  
GENERAL INFORMATION:  
APPLICANT: McSwiggen, James  
APPLICANT: Draper, Kenneth  
APPLICANT: Pavco, Pam  
APPLICANT: Woolf, Tod  
TITLE OF INVENTION: METHOD AND REAGENT FOR

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13: Conservative 0; Mismatches 2; Indels 0; Gaps 0;

COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA: including application  
APPLICATION NUMBER: US/08/311.486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: described below:  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 240:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-240

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 46.7%; Pred. No. 2.9e+02;  
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1615 TPAATAATTAATTTG 1629  
:::|||||:|:|:  
Db 1 UTAAAUUAUUCUG 15

RESULT 511  
US-08-667-338B-10  
Sequence 10, Application US/08667338B  
Patent No. 5871918  
GENERAL INFORMATION:  
APPLICANT: Thorpe, H. H.  
APPLICANT: Johnston, Dean H.  
APPLICANT: Napier, Mary E.  
APPLICANT: Loomis, Carson R.  
APPLICANT: Sistare, Mark F.  
APPLICANT: Kim, Jinheung  
TITLE OF INVENTION: Electrochemical Detection of Nucleic  
TITLE OF INVENTION: Acid Hybridization  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kenneth D. Sibley  
STREET: PO Box 37428  
CITY: Raleigh  
STATE: NC  
COUNTRY: US  
ZIP: 27627  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/667,338B  
FILING DATE: 20-JUN-1996

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/016,625  
FILING DATE: 19-APR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/060,949  
FILING DATE: 27-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.  
REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 5470-107B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-854-1400  
TELEFAX: 919-854-1401  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: misc binding  
LOCATION: complement (1..15)  
OTHER INFORMATION: /function= "GG mismatch at base 8"  
OTHER INFORMATION: of bound moiety= "AAATATAGTATATAAA"  
OTHER INFORMATION: /bound\_moiety= "AAATATAGTATATAAA"  
PUBLICATION INFORMATION:  
AUTHORS: Johnston, D. H.  
AUTHORS: Glasgow, K. C.  
AUTHORS: Thorp, H. H.  
TITLE: Electrochemical Measurement of the Solvent  
TITLE: Accessibility of Nucleobases Using Electron  
TITLE: Transfer between DNA and Metal Complexes  
JOURNAL: J. Am. Chem. Soc.  
VOLUME: 117  
ISSUE: 35  
PAGES: 8933-8938  
DATE: 1995  
US-08-667-338B-10

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 TCTTATAGTAAATTT 1145  
|||||  
Db 1 TTTTATAGTATATTT 15

RESULT 512  
US-08-583-684B-154/c  
Sequence 154, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:





APPLICANT: Combates, N.  
APPLICANT: Pardini, J.  
APPLICANT: Parimoo, S.  
APPLICANT: Prouty, S.  
APPLICANT: Stenn, K.  
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY  
FILE REFERENCE: JEP-382  
CURRENT APPLICATION NUMBER: US/08/832,021  
CURRENT FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 41  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
S-08-832-021-41

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1144 TTAATTTTATTAG 1158  
11 TTTTATTAG 15

RESULT 519  
S-08-832-021-61/c  
Sequence 61, Application US/08832021  
Patent No. 6045998  
GENERAL INFORMATION:  
APPLICANT: Combates, N.  
APPLICANT: Pardini, J.  
APPLICANT: Parimoo, S.  
APPLICANT: Prouty, S.  
APPLICANT: Stenn, K.  
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY  
FILE REFERENCE: JEP-382  
CURRENT APPLICATION NUMBER: US/08/832,021  
CURRENT FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 61  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
S-08-832-021-61

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 615 TACAAAACACAA 629  
15 TACAAAACACAA 1

RESULT 520  
S-09-179-665-10  
Sequence 10, Application US/09179665  
Patent No. 6132971  
GENERAL INFORMATION:  
APPLICANT: Thorpe, H. H.  
APPLICANT: Johnston, Dean H.  
APPLICANT: Napier, Mary E.  
APPLICANT: Loomis, Carson R.  
APPLICANT: Sistare, Mark F.  
APPLICANT: Kim, Jinheung  
TITLE OF INVENTION: Electrochemical Detection of Nucleic

TITLE OF INVENTION: Acid Hybridization  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Kenneth D. Sibley  
STREET: PO Box 37428  
CITY: Raleigh  
STATE: NC  
COUNTRY: US  
ZIP: 27627  
COMPUTER READABLE FORM:  
MEDIUM TYPE: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/179,665  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/667,338  
FILING DATE: 20-JUN-1996  
APPLICATION NUMBER: US 60/016,625  
FILING DATE: 19-APR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/060,949  
FILING DATE: 27-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.  
REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 5470-107B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 919-854-1400  
TELEFAX: 919-854-1401  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: misc binding  
LOCATION: complement (1..15)  
OTHER INFORMATION: /function= "GG mismatch at base 8"  
OTHER INFORMATION: of bound moiety  
OTHER INFORMATION: /bound\_moiety= "AAATATAGTATATAA"  
PUBLICATION INFORMATION:  
AUTHORS: Johnston, D. H.  
AUTHORS: Glasgow, K. C.  
AUTHORS: Thorp, H. H.  
TITLE: Electrochemical Measurement of the Solvent  
TITLE: Accessibility of Nucleobases Using Electron  
TITLE: Transfer between DNA and Metal Complexes  
JOURNAL: J. Am. Chem. Soc.  
VOLUME: 117  
ISSUE: 35  
PAGES: 8933-8938  
DATE: 1995  
US-09-179-665-10

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1131 TGTATAGTAAATTT 1145  
1 TTTTATAGTATATTT 15

RESULT 521  
US-09-038-073-154/c



Sequence 154, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684

FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 154:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-154

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1476 ATCTTATATATTA 1490  
Db 15 ATCTTATATATTA 1

RESULT 522  
US-09-038-073-1380  
Sequence 1380, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California

COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1380:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-038-073-1380

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 46.7%; Pred. No. 2.9e+02;  
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;  
Qy 1577 TCTGATGTATGAA 1591  
Db 1 TCTGATGTATGAA 15

RESULT 523  
US-09-038-073-1381  
Sequence 1381, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1381:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-09-038-073-1381

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 46.7%; Pred. No. 2.9e+02;  
Matches 7; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Y 1579 TGATTGTCGGAAT 1593  
b 1 UAAUUCUUGGAU 15

RESULT 524  
S-09-081-646-463  
Sequence 463, Application US/09081646  
Patent No. 633152

GENERAL INFORMATION:  
APPLICANT: Kinzler, Kenneth  
APPLICANT: Vogelstein, Bert  
APPLICANT: Zhang, Lin  
APPLICANT: Zhou, Wei  
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
FILE OF INVENTION: Cancer Cells  
FILE REFERENCE: 01107.74664  
CURRENT APPLICATION NUMBER: US/09/081,646  
EARLIER FILING DATE: 1998-05-20  
EARLIER APPLICATION NUMBER: 60/047,352  
EARLIER FILING DATE: 1997-05-21  
NUMBER OF SEQ ID NOS: 871  
SOFTWARE: FastSEQ for Windows Version 3.0  
SEQ ID NO 463

LENGTH: 15  
TYPE: DNA  
ORGANISM: Homo sapiens  
S-09-081-646-463

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 467 CATGTATGTGTGG 481  
b 1 CATGTACGGTGTGG 15

RESULT 525  
S-09-081-646-556/c  
Sequence 556, Application US/09081646  
Patent No. 633152

GENERAL INFORMATION:  
APPLICANT: Kinzler, Kenneth  
APPLICANT: Vogelstein, Bert  
APPLICANT: Zhang, Lin  
APPLICANT: Zhou, Wei  
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
FILE OF INVENTION: Cancer Cells  
FILE REFERENCE: 01107.74664  
CURRENT APPLICATION NUMBER: US/09/081,646  
EARLIER FILING DATE: 1998-05-20  
EARLIER APPLICATION NUMBER: 60/047,352  
EARLIER FILING DATE: 1997-05-21  
NUMBER OF SEQ ID NOS: 871

SOFTWARE: FastSEQ for Windows Version 3.0  
SEQ ID NO 556  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-081-646-556

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 86.7%; Pred. No. 2.9e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 456 CTTCAACACTTCATG 470  
Db 15 CTTCAAGAGTTCATG 1

RESULT 526  
US-08-584-040-8467  
Sequence 8467, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8467:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8467

Query Match 0.9%; Score 11.8; DB 1; Length 15;  
Best Local Similarity 60.0%; Pred. No. 2.9e+02;  
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1116 GANTAGTTATAAGA 1130

db 1 GGAUUAUUUAAGA 15

RESULT 527

IS-09-475-947A-164

Sequence 164, Application US/09475947A

Patent No. 6472154

GENERAL INFORMATION:

APPLICANT: Garner, Harold R.

APPLICANT: Wren, Jonathan D.

APPLICANT: Minna, John D.

TITLE OF INVENTION: Polymorphic Repeats in Human Genes

FILE REFERENCE: UFS0667

CURRENT APPLICATION NUMBER: US/09/475,947A

CURRENT FILING DATE: 1999-12-31

NUMBER OF SEQ ID NOS: 346

SOFTWARE: Patent In Ver. 2.1

SEQ ID NO 164

LENGTH: 15

TYPE: DNA

ORGANISM: human

IS-09-475-947A-164

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1563 TTTTCTTCTCTGTTT 1577

Db 1 TTTTCTTCTCTGTTT 15

RESULT 528

US-09-371-772B-4122

Sequence 4122, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/594,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patent In version 3.0

SEQ ID NO 4122

LENGTH: 15

TYPE: RNA

ORGANISM: Mus sp.

US-09-371-772B-4122

Query Match

Best Local Similarity 0.9%; Score 11.8; DB 1; Length 15;

Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1116 GAAATAGTTATAAGA 1130

Db 1 GGAUUAUUUAAGA 15

RESULT 529

5254799-12/c

Patent No. 5254799

APPLICANT: Degreve, Henri M. J.; Salgado, Maria B.L.; Van

Montagu, Marc C.E.; Vaack, Mark A.; Zabeau, Maarcus F. O.; Leemans, Jan J.A.; Hofte, Hermanus F. P.

TITLE OF INVENTION: TRANSFORMATION VECTORS ALLOWING EXPRESSION

OF BACILLUS THURINGIENSIS ENDOTOXINS IN PLANTS

NUMBER OF SEQUENCES: 42

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/555,828

FILING DATE: 23-JUL-1990

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 821,582

FILING DATE: 22-JAN-1986

APPLICATION NUMBER: 692,759

FILING DATE: 18-JAN-1985

SEQ ID NO:12:

LENGTH: 15

5254799-12

Query Match 0.9%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 2.9e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1357 GTTGTAGTCTGTG 1371

Db 15 GCTGTAGTCTGTG 1

RESULT 530

US-08-431-080-3/c

Sequence 3, Application US/08431080

Patent No. 5698686

GENERAL INFORMATION:

APPLICANT: Gottschling, Daniel S.

APPLICANT: Singer, Miriam S.

TITLE OF INVENTION: Telomerase Compositions and Methods

NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: TEXAS

COUNTRY: UNITED STATES OF AMERICA

ZIP: 77210

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/431,080

FILING DATE: Concurrently Herewith

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: SN 08/326,781

FILING DATE: October 20, 1994

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Parker, David L.

REGISTRATION NUMBER: 32,165

REFERENCE/DOCKET NUMBER: ARCD:155/PAR

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELEFAX: (713) 789-2679

TELEX: 79-0924

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-431-080-3

Query Match

Best Local Similarity 0.9%; Score 11.8; DB 1; Length 16;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 474 TGTGTGGTCTGTTG 488  
 |||||  
 15 TGTGTGGTGTGGTG 1

SULT 531  
 -08-753-147-193  
 Sequence 193, Application US/08753147  
 Patent No. 5770372  
 GENERAL INFORMATION:  
 APPLICANT: Concannon, Patrick  
 TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene  
 NUMBER OF SEQUENCES: 196  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Christensen O'Connor Johnson and Kindness  
 STREET: 1420 5th Avenue  
 CITY: Seattle  
 STATE: Washington  
 COUNTRY: USA  
 ZIP: 98101-2347  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: IBM PC compatible  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/753,147  
 FILING DATE:  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Sheiness, Diana K.  
 REGISTRATION NUMBER: 35,356  
 REFERENCE/DOCKET NUMBER: VMRC-1-9714  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (206) 743-4387  
 TELEFAX: (206) 224 0779  
 INFORMATION FOR SEQ ID NO: 193:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 16 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 ORIGINAL SOURCE:  
 ORGANISM: Homo sapiens  
 S-08-753-147-193

Query Match 0.9%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 587 TATATGTAAGTATT 601  
 |||||  
 b 2 TAGAGTAAAGTATT 16

ESULT 532  
 S-08-752-047-4  
 Sequence 4, Application US/08752047  
 Patent No. 5776685  
 GENERAL INFORMATION:  
 APPLICANT: Riedel, Heimo  
 TITLE OF INVENTION: PROTEIN KINASE C ASSAY  
 NUMBER OF SEQUENCES: 7  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: LAHIVE & COCKFIELD  
 STREET: 60 STATE STREET, Suite 510  
 CITY: BOSTON  
 STATE: Massachusetts

COUNTRY: USA  
 ZIP: 02109  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: IBM PC compatible  
 SOFTWARE: PC-DOS/MS-DOS  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/752,047  
 FILING DATE: 19-NOV-1996  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/293,744  
 FILING DATE:  
 APPLICATION NUMBER: US/08/089,043  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Myers, Paul L.  
 REGISTRATION NUMBER: 35,965  
 REFERENCE/DOCKET NUMBER: JDP-001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 227-7400  
 TELEFAX: (617) 227-5941  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 16 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 US-08-752-047-4

Query Match 0.9%; Score 11.8; DB 1; Length 16;  
 Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1109 ATTGATTGATTATT 1123  
 |||||  
 Db 1 ATTGATTGATTATT 15

RESULT 533  
 US-08-938-534-3/c  
 Sequence 3, Application US/08938534  
 Patent No. 5916752  
 GENERAL INFORMATION:  
 APPLICANT: Gottschling, Daniel E.  
 TITLE OF INVENTION: Telomerase Compositions and Methods  
 NUMBER OF SEQUENCES: 32  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Arnold, White & Durkee  
 STREET: P.O. Box 4433  
 CITY: Houston  
 STATE: TEXAS  
 COUNTRY: UNITED STATES OF AMERICA  
 ZIP: 77210  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/938,534  
 FILING DATE: 26-SEP-1997  
 CLASSIFICATION: 536  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/431,080  
 FILING DATE:  
 APPLICATION NUMBER: SN 08/326,781  
 FILING DATE: October 20, 1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Parker, David L.

REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: ARCD:155/PAR  
TELEPHONE: (512) 418-3000  
TELEFAX: (713) 789-2679  
TELEX: 79-0924  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-938-534-3

Query Match 0.9%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

474 TGTGTGGGCTCTGTTG 488  
15 TGTGTGGGCTCTGTTG 1

RESULT 534  
US-08-893-614-1  
Sequence 1, Application US/08893614  
Patent No. 5936077  
GENERAL INFORMATION:  
APPLICANT: PFLEIDERER, Wolfgang  
APPLICANT: BEIER, Markus  
TITLE OF INVENTION: SOLID PHASE SYNTHESIS OF  
TITLE OF INVENTION: OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/893,614  
FILING DATE: 11-JUL-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 19627898.8  
FILING DATE: 11-JUL-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: SANDERCOCK, Colin G.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 18748/343/HOCE  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-893-614-1

Query Match 0.9%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1142 ATTATTTATTTT 1156

Db 1 ATTATTTATTTT 15

RESULT 535  
US-08-666-341A-9/c  
Sequence 9, Application US/08666341A  
Patent No. 6365345  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: Antisense nucleic Acids for the  
TITLE OF INVENTION: prevention and treatment of disorders in which expression  
TITLE OF INVENTION: of c-erbB plays a role  
NUMBER OF SEQUENCES: 106  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC  
STREET: 400 Seventh street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disc  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/666,341A  
FILING DATE: 15-AUG-1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION FOR SEQ ID NO: 9:  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES  
US-08-666-341A-9

Query Match 0.9%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 3.4e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 952 CTCACAGTGTGTTG 966  
16 CTCACAGTGTGTTG 2

Db 16 CTCACAGTGTGTTG 2

RESULT 536  
US-09-345-294-3/c  
Sequence 3, Application US/09345294  
Patent No. 6387619  
GENERAL INFORMATION:  
APPLICANT: Gottschling, Daniel E.  
TITLE OF INVENTION: Telomerase Compositions and Methods  
NUMBER OF SEQUENCES: 32  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: TEXAS  
COUNTRY: UNITED STATES OF AMERICA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/345,294

FILING DATE: 30-Jun-1999

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/431,080

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Parker, David L.

REGISTRATION NUMBER: 32,165

REFERENCE/DOCKET NUMBER: ARCD:155/PAR

TELECOMMUNICATION INFORMATION:

TELEPHONE: (512) 418-3000

TELEFAX: (713) 789-2679

TELEX: 79-0924

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 3:

S-09-345-294-3

Query Match 0.9%; Score 11.8; DB 1; Length 16;

Best Local Similarity 86.7%; Pred. No. 3.4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 474 TGTGTGGTCTGTG 488

b 15 TGTGTGGTGTGGTG 1

RESULT 537

S-09-371-772B-6097/c

Sequence 6097, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6097

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-6097

Query Match 0.9%; Score 11.8; DB 1; Length 16;

Best Local Similarity 86.7%; Pred. No. 3.4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 1205 TTAACAAACAAACA 1219

b 16 TAAACAAACAAACA 2

RESULT 538

S-09-371-772B-7123/c

Sequence 7123, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 7123

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-7123

Query Match 0.9%; Score 11.8; DB 1; Length 16;

Best Local Similarity 86.7%; Pred. No. 3.4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1555 TCTCCAAATTTTTT 1569

Db 15 TCTCCAAATTTTTT 1

RESULT 539

US-09-371-772B-5585/c

Sequence 5585, Application US/09371772B

Patent No. 6566127

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MHB00,876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: PatentIn version 3.0

SEQ ID NO 5585

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-5585

Query Match 0.9%; Score 11.8; DB 1; Length 17;

Best Local Similarity 86.7%; Pred. No. 4e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 520 GTTAAATTCGAATTT 534

Db 17 GATAAATTCGATTT 3

RESULT 540

US-08-867-941-37

Sequence 37, Application US/08867941

Patent No. 5977337

GENERAL INFORMATION:

APPLICANT: Loosmore, Sheena M

APPLICANT: Du, Run-Pan  
 APPLICANT: Wang, Quijun  
 APPLICANT: Yang, Yan-Ping  
 APPLICANT: Klein, Michel H  
 TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA  
 NUMBER OF SEQUENCES: 67  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Sim & McBurney  
 STREET: 6th Floor, 330 University Avenue  
 CITY: Toronto  
 STATE: Ontario  
 COUNTRY: Canada  
 ZIP: M5G 1R7  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/967,941  
 FILING DATE: 03-JUN-1997  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Stewart, Michael I  
 REGISTRATION NUMBER: 24,973  
 REFERENCE/DOCKET NUMBER: 1038-681 MIS:jb  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (416) 595-1155  
 TELEFAX: (416) 595-1163  
 INFORMATION FOR SEQ ID NO: 37:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-867-941-37  
 Query Match 0.9%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1161 TTAATGATGTTTAA 1175  
 DB 3 TGAATGAAGTTTAA 17  
 RESULT 541  
 US-09-074-658-37  
 Sequence 37, Application US/09074658  
 Patent No. 6184371  
 GENERAL INFORMATION:  
 APPLICANT: Loosmore, Sheena M  
 APPLICANT: Run-Pan Du  
 APPLICANT: Quijun Wang  
 APPLICANT: Yang, Yan-Ping  
 APPLICANT: Klein, Michel H  
 TITLE OF INVENTION: LACTOFERRIN RECEPTOR GENES OF MORAXELLA  
 NUMBER OF SEQUENCES: 78  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Sim & McBurney  
 STREET: 6th Floor, 330 University Avenue  
 CITY: Toronto  
 STATE: Ontario  
 COUNTRY: Canada  
 ZIP: M5G 1R7  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/074,658  
 FILING DATE: 08-MAY-1998

CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Stewart, Michael I  
 REGISTRATION NUMBER: 24,973  
 REFERENCE/DOCKET NUMBER: 1038-795  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (416) 595-1155  
 TELEFAX: (416) 595-1163  
 INFORMATION FOR SEQ ID NO: 37:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-09-074-658-37  
 Query Match 0.9%; Score 11.8; DB 1; Length 18;  
 Best Local Similarity 86.7%; Pred. No. 4.5e+02;  
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1161 TTAATGATGTTTAA 1175  
 DB 3 TGAATGAAGTTTAA 17  
 RESULT 542  
 US-08-271-942A-92  
 Sequence 92, Application US/08271942A  
 Patent No. 5550020  
 GENERAL INFORMATION:  
 APPLICANT: Gallie, Brenda L.  
 APPLICANT: Dunn, James M.  
 APPLICANT: Stevens, John K.  
 TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
 TITLE OF INVENTION: and Targeted Screening for Retinoblastoma  
 NUMBER OF SEQUENCES: 123  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Oppedahl & Larson  
 STREET: 1992 Commerce Street, Suite 309  
 CITY: Yorktown Heights  
 STATE: NY  
 COUNTRY: USA  
 ZIP: 10598-4412  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS 5.0  
 SOFTWARE: Word Perfect  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/271,942A  
 FILING DATE: 08-JUL-1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER:  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Marina T. Larson  
 REGISTRATION NUMBER: 32,038  
 REFERENCE/DOCKET NUMBER: VGEN.P-003-US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (914) 245-3252  
 TELEFAX: (914) 962-4330  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 92:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: genomic DNA  
 HYPOTHETICAL: no  
 ANTI-SENSE: no  
 FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: human

FEATURE:

NAME/KEY: primer for exon 11 of human RB1 gene

S-08-271-942A-92

Query Match 0.9%; Score 11.6; DB 1; Length 18;

Best Local Similarity 77.8%; Pred. No. 4.9e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1 1603 AATATGAACACTTAAAA 1620

1 AATCTGAACACTATAAA 18

RESULT 543

S-08-779-916A-92

Sequence 92, Application US/08779916A

Patent No. 6063567

GENERAL INFORMATION:

APPLICANT: Gallie, Brenda L.

APPLICANT: Dunn, James M.

APPLICANT: Stevens, John K.

APPLICANT: Hui, May

TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis

TITLE OF INVENTION: and Targeted Screening for Retinoblastoma

NUMBER OF SEQUENCES: 123

CORRESPONDENCE ADDRESS:

ADDRESSEE: Oppedahl & Larson

STREET: 1992 Commerce Street, Suite 309

CITY: Yorktown Heights

STATE: NY

COUNTRY: USA

ZIP: 10598-4412

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS 5.0

SOFTWARE: Word Perfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/779,916A

FILING DATE: 07-JAN-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/271,942

FILING DATE: 08-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Marina T. Larson

REGISTRATION NUMBER: 32,038

REFERENCE/DOCKET NUMBER: VGEN.P-003-US2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (914) 245-3252

TELEFAX: (914) 962-4330

TELEX:

INFORMATION FOR SEQ ID NO: 92:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

HYPOTHETICAL: no

ANTI-SENSE: no

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: human

FEATURE:

NAME/KEY: primer for exon 11 of human RB1 gene

S-08-779-916A-92

Query Match

Best Local Similarity 0.9%; Score 11.6; DB 1; Length 18;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1603 AATATGAACACTTAAAA 1620

Db 1 AATCTGAACACTATAAA 18

RESULT 544

PCT-US95-08604-92

Sequence 92, Application PC/TUS9508604

GENERAL INFORMATION:

APPLICANT: Visible Genetics Inc.

APPLICANT: HSC Research and Development Limited Partnership

APPLICANT: Gallie, Brenda L.

APPLICANT: Dunn, James M.

APPLICANT: Stevens, John K.

TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis

TITLE OF INVENTION: and Targeted Screening for Retinoblastoma

NUMBER OF SEQUENCES: 123

CORRESPONDENCE ADDRESS:

ADDRESSEE: Oppedahl & Larson

STREET: 1992 Commerce Street, Suite 309

CITY: Yorktown Heights

STATE: NY

COUNTRY: USA

ZIP: 10598-4412

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS 5.0

SOFTWARE: Word Perfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/08604

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/271,942

FILING DATE: 08-JUL-1994

ATTORNEY/AGENT INFORMATION:

NAME: Marina T. Larson

REGISTRATION NUMBER: 32,038

REFERENCE/DOCKET NUMBER: VGEN.P-003-WO

TELECOMMUNICATION INFORMATION:

TELEPHONE: (914) 245-3252

TELEFAX: (914) 962-4330

TELEX:

INFORMATION FOR SEQ ID NO: 92:

SEQUENCE CHARACTERISTICS:

LENGTH: 18

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: genomic DNA

HYPOTHETICAL: no

ANTI-SENSE: no

FRAGMENT TYPE: internal

ORIGINAL SOURCE:

ORGANISM: human

FEATURE:

NAME/KEY: primer for exon 11 of human RB1 gene

PCT-US95-08604-92

Query Match

Best Local Similarity 0.9%; Score 11.6; DB 1; Length 18;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1603 AATATGAACACTTAAAA 1620

Db 1 AATCTGAACACTATAAA 18

RESULT 545

US-09-626-929-23/c

Sequence 23, Application US/09626929



Patent No. 6319714  
GENERAL INFORMATION:  
APPLICANT: CRAMERI, ANDREAS  
APPLICANT: STEMMER, WILLEM P.C.  
APPLICANT: MINSHULL, JEREMY  
APPLICANT: BASS, STEVEN H.  
APPLICANT: WELCH, MARK  
APPLICANT: NESS, JON E.  
APPLICANT: GUSTAFSSON, CLAES  
APPLICANT: PATTEN, PHILLIP A.  
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION  
FILE REFERENCE: 02-029620US  
CURRENT APPLICATION NUMBER: US/09/626,929  
2000-07-27  
CURRENT FILING DATE: 2000-07-27  
PRIOR APPLICATION NUMBER: 09/408,392  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: 60/118,813  
PRIOR FILING DATE: 1999-02-05  
PRIOR APPLICATION NUMBER: 60/141,049  
PRIOR FILING DATE: 1999-06-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 23  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-626-929-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 501 ATGCAATACAGATTCT 518  
||| ||||| |||||  
Db 18 ATTCATATATTTCAT 1

RESULT 546  
US-09-484-850-23/c  
Sequence 23, Application US/09484850  
Patent No. 6368861  
GENERAL INFORMATION:  
APPLICANT: CRAMERI, ANDREAS  
APPLICANT: STEMMER, WILLEM P.C.  
APPLICANT: MINSHULL, JEREMY  
APPLICANT: BASS, STEVEN H.  
APPLICANT: WELCH, MARK  
APPLICANT: NESS, JON E.  
APPLICANT: GUSTAFSSON, CLAES  
APPLICANT: PATTEN, PHILLIP A.  
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION  
FILE REFERENCE: 02-029630US  
CURRENT APPLICATION NUMBER: US/09/484,850  
CURRENT FILING DATE: 2000-01-18  
PRIOR APPLICATION NUMBER: 09/408,392  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: 60/118,813  
PRIOR FILING DATE: 1999-02-05  
PRIOR APPLICATION NUMBER: 60/141,049  
PRIOR FILING DATE: 1999-06-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 23  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-484-850-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 501 ATGCAATACAGATTCT 518  
||| ||||| |||||  
Db 18 ATTCATATATTTCAT 1

RESULT 547  
US-09-408-392-23/c  
Sequence 23, Application US/09408392  
Patent No. 6376246  
GENERAL INFORMATION:  
APPLICANT: CRAMERI, ANDREAS  
APPLICANT: STEMMER, WILLEM P.C.  
APPLICANT: MINSHULL, JEREMY  
APPLICANT: BASS, STEVEN H.  
APPLICANT: WELCH, MARK  
APPLICANT: NESS, JON E.  
APPLICANT: GUSTAFSSON, CLAES  
APPLICANT: PATTEN, PHILLIP A.  
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION  
FILE REFERENCE: 02-029620US  
CURRENT APPLICATION NUMBER: US/09/408,392  
CURRENT FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: 60/118,813  
PRIOR FILING DATE: 1999-02-05  
PRIOR APPLICATION NUMBER: 60/141,049  
PRIOR FILING DATE: 1999-06-24  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 23  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-408-392-23

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 501 ATGCAATACAGATTCT 518  
||| ||||| |||||  
Db 18 ATTCATATATTTCAT 1

RESULT 548  
US-09-626-930-23/c  
Sequence 23, Application US/09626930  
Patent No. 6423542  
GENERAL INFORMATION:  
APPLICANT: CRAMERI, ANDREAS  
APPLICANT: STEMMER, WILLEM P.C.  
APPLICANT: MINSHULL, JEREMY  
APPLICANT: BASS, STEVEN H.  
APPLICANT: WELCH, MARK  
APPLICANT: NESS, JON E.  
APPLICANT: GUSTAFSSON, CLAES  
APPLICANT: PATTEN, PHILLIP A.  
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION  
FILE REFERENCE: 02-029620US  
CURRENT APPLICATION NUMBER: US/09/626,930  
CURRENT FILING DATE: 2000-07-27  
PRIOR APPLICATION NUMBER: 09/408,392  
PRIOR FILING DATE: 1999-09-28  
PRIOR APPLICATION NUMBER: 60/118,813  
PRIOR FILING DATE: 1999-02-05  
PRIOR APPLICATION NUMBER: 60/141,049  
PRIOR FILING DATE: 1999-06-24  
NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

3-09-626-930-23

Query Match

0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

501 ATGCAATACAGATTCCT 518

18 ATTCAATACATTATTCAT 1

RESULT 549

3-09-626-528-23/c

Sequence 23, Application US/09626528

Patent No. 6426224

GENERAL INFORMATION:

APPLICANT: CRAMERI, ANDREAS

APPLICANT: STEMMER, WILLEM P.C.

APPLICANT: MINSHULL, JEREMY

APPLICANT: BASS, STEVEN H.

APPLICANT: WELCH, MARK

APPLICANT: NESS, JON E.

APPLICANT: GUSTAFSSON, CLAES

APPLICANT: PATTEN, PHILLIP A.

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION

FILE REFERENCE: 02-029620US

CURRENT APPLICATION NUMBER: US/09/626,528

CURRENT FILING DATE: 2000-07-27

PRIOR APPLICATION NUMBER: 09/408,392

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: 60/118,813

PRIOR FILING DATE: 1999-02-05

PRIOR APPLICATION NUMBER: 60/141,049

PRIOR FILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

3-09-626-528-23

Query Match

0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

501 ATGCAATACAGATTCCT 518

18 ATTCAATACATTATTCAT 1

RESULT 550

3-09-626-595-23/c

Sequence 23, Application US/09626595

Patent No. 6479652

GENERAL INFORMATION:

APPLICANT: CRAMERI, ANDREAS

APPLICANT: STEMMER, WILLEM P.C.

APPLICANT: MINSHULL, JEREMY

APPLICANT: BASS, STEVEN H.

APPLICANT: WELCH, MARK

APPLICANT: NESS, JON E.

APPLICANT: GUSTAFSSON, CLAES

APPLICANT: PATTEN, PHILLIP A.

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION

FILE REFERENCE: 02-029620US

CURRENT APPLICATION NUMBER: US/09/626,595

CURRENT FILING DATE: 2000-07-27

PRIOR APPLICATION NUMBER: 09/408,392

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: 60/118,813

PRIOR FILING DATE: 1999-02-05

PRIOR APPLICATION NUMBER: 60/141,049

PRIOR FILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-626-595-23

Query Match

0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

501 ATGCAATACAGATTCCT 518

18 ATTCAATACATTATTCAT 1

RESULT 551

US-09-694-863-23/c

Sequence 23, Application US/09694863

Patent No. 6521453

GENERAL INFORMATION:

APPLICANT: CRAMERI, ANDREAS

APPLICANT: STEMMER, WILLEM P.C.

APPLICANT: MINSHULL, JEREMY

APPLICANT: BASS, STEVEN H.

APPLICANT: WELCH, MARK

APPLICANT: NESS, JON E.

APPLICANT: GUSTAFSSON, CLAES

APPLICANT: PATTEN, PHILLIP A.

TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED NUCLEIC ACID RECOMBINATION

FILE REFERENCE: 02-029620US

CURRENT APPLICATION NUMBER: US/09/694,863

CURRENT FILING DATE: 2000-10-23

PRIOR APPLICATION NUMBER: 09/408,392

PRIOR FILING DATE: 1999-09-28

PRIOR APPLICATION NUMBER: 60/141,049

PRIOR FILING DATE: 1999-06-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 23

LENGTH: 19

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-694-863-23

Query Match

0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

501 ATGCAATACAGATTCCT 518

18 ATTCAATACATTATTCAT 1

RESULT 552

US-08-487-759-1/c

Sequence 1, Application US/08487759

Patent No. 5660989

GENERAL INFORMATION:  
APPLICANT: Cole, James L.  
APPLICANT: Olsen, David B.  
APPLICANT: Kuo, Lawrence C.  
TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
INFLUENZA VIRUS ENDONUCLEASE  
NUMBER OF SEQUENCES: 5  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ms. Joanne J. Gieser  
STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
CITY: Rahway  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,759  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Gieser, Joanne M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19393  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908)-594-3046  
TELEFAX: (908)-594-4720  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-487-759-1

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAAATA 1606  
DB 19 GAAATATAAAAGTAAATA 2

RESULT 553  
US-08-807-104-1/c  
Sequence 1, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D.  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-807-104-1  
Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1589 GAAATATAAAAGTAAATA 1606  
DB 19 GAAATATAAAAGTAAATA 2  
RESULT 554  
US-08-807-104-4/c  
Sequence 4, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D.

REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

S-08-807-104-4

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATATAAGTAAATA 1606  
b 19 GAAATATATAAGTAAATA 2

RESULT 555

S-08-807-104-6/c

Sequence 6, Application US/08807104

Patent No. 5861501

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

TITLE OF INVENTION: APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: USA

ZIP: 07065

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/807,104

FILING DATE: 04-FEB-1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YABLONSKY, MICHAEL D

REGISTRATION NUMBER: 40,407

REFERENCE/DOCKET NUMBER: 19406DA

TELECOMMUNICATION INFORMATION:

TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:  
US-08-807-104-6

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAGTAAATA 1606

Db 19 GAAATATATAAGTAAATA 2

RESULT 556

US-08-807-104-7/c

Sequence 7, Application US/08807104

Patent No. 5861501

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUO, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND

TITLE OF INVENTION: APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: USA

ZIP: 07065

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/807,104

FILING DATE: 04-FEB-1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YABLONSKY, MICHAEL D

REGISTRATION NUMBER: 40,407

REFERENCE/DOCKET NUMBER: 19406DA

TELECOMMUNICATION INFORMATION:

TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:  
S-08-807-104-7

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1589 GAATATATAAAGTAATA 1606  
Db 19 GAAATATAAATAAATA 2

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1589 GAATATATAAAGTAATA 1606  
Db 19 GAAATATAAATAAATA 2

RESULT 557  
US-08-807-104-8/c  
Sequence 8, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KEO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RARITON  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base

LOCATION: 6...6  
OTHER INFORMATION:  
US-08-807-104-8  
Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 1589 GAATATATAAAGTAATA 1606  
Db 19 GAAATATAAATAAATA 2  
RESULT 558  
US-08-807-104-9/c  
Sequence 9, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KEO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RARITON  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-807-104-9  
Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAAGTAATA 1606  
|||||  
b 19 GAAATATAAAATAAAAA 2

RESULT 559  
3-08-807-104-10/c  
Sequence 10, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
TITLE OF INVENTION: APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 19..19  
OTHER INFORMATION:

S-08-807-104-10

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAAGTAATA 1606  
|||||  
b 19 GAAATATAAAATAAAAA 2

RESULT 560

US-08-807-104-13/c  
Sequence 13, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
TITLE OF INVENTION: APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-807-104-13

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAATA 1606  
|||||  
Db 19 GAAATATAAAATAAAAA 2

RESULT 561

US-08-807-104-14/c  
Sequence 14, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
TITLE OF INVENTION: APTAMERS

NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
 STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
 CITY: RAHWAY  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/807,104  
 FILING DATE: 04-FEB-1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/480,068  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: YABLONSKY, MICHAEL D  
 REGISTRATION NUMBER: 40,407  
 REFERENCE/DOCKET NUMBER: 19406DA  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 732-594-4678  
 TELEFAX: 732-594-4720  
 TELEX:

INFORMATION FOR SEQ ID NO: 14:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 FEATURE:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 2...2  
 OTHER INFORMATION:  
 US-08-807-104-14

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
 Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1589 GAAATATATAAAGTAATA 1606  
 ||||| ||||| ||||| ||||| |||||  
 Db 19 GAAATATATAAATAAAAA 2

RESULT 562  
 US-08-807-104-15/c  
 Sequence 15, Application US/08807104  
 Patent No. 5861501  
 GENERAL INFORMATION:  
 APPLICANT: BENSELER, FRITZ  
 APPLICANT: COLE, JAMES L.  
 APPLICANT: OLSEN, DAVID B.  
 APPLICANT: KUO, LAWRENCE C.  
 TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
 STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
 CITY: RAHWAY  
 STATE: NJ

COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/807,104  
 FILING DATE: 04-FEB-1997  
 CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/480,068  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: YABLONSKY, MICHAEL D  
 REGISTRATION NUMBER: 40,407  
 REFERENCE/DOCKET NUMBER: 19406DA  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 732-594-4678  
 TELEFAX: 732-594-4720  
 TELEX:

INFORMATION FOR SEQ ID NO: 15:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 FEATURE:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 13...13  
 OTHER INFORMATION:  
 US-08-807-104-15

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
 Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1589 GAAATATATAAAGTAATA 1606  
 ||||| ||||| ||||| ||||| |||||  
 Db 19 GAAATATATAAATAAAAA 2

RESULT 563  
 US-08-807-104-16/c  
 Sequence 16, Application US/08807104  
 Patent No. 5861501  
 GENERAL INFORMATION:  
 APPLICANT: BENSELER, FRITZ  
 APPLICANT: COLE, JAMES L.  
 APPLICANT: OLSEN, DAVID B.  
 APPLICANT: KUO, LAWRENCE C.  
 TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
 STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
 CITY: RAHWAY  
 STATE: NJ  
 COUNTRY: USA  
 ZIP: 07065  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/807,104

FILING DATE: 04-FEB-1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: YABLONSKY, MICHAEL D

REGISTRATION NUMBER: 40,407

REFERENCE/DOCKET NUMBER: 19406DA

TELEPHONE: 732-594-4678

TELEFAX: 732-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

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OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

NAME/KEY: Modified Base

ATTORNEY/AGENT INFORMATION:

NAME: Giesser, Joanne M.

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19398

TELEPHONE: (908)-594-3046

TELEFAX: (908)-594-4720

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-973-139-1

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Mismatches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;

Matches 14; Conservative 0; Indels 0; Gaps 0;



FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-480-068-4  
Query Match 0.98; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1589 GAAATATAAAAGTAATA 1606  
DB 19 GAAATATAAAATATAAA 2  
RESULT 567  
US-08-480-068-6/c  
; Sequence 6, Application US/08480068  
; Patent No. 611095  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KOO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/480,068  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSER, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 13...13  
; OTHER INFORMATION:

JS-08-480-068-4/c  
; Sequence 4, Application US/08480068  
; Patent No. 611095  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KOO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/480,068  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSER, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:

1-08-480-068-6

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1589 GAAATATATAAAAGTAAATA 1606  
|||||  
19 GAAATATATAAAAGTAAAAA 2

SULT 568

1-08-480-068-7/c  
Sequence 7, Application US/08480068  
Patent No. 6111095

GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13  
OTHER INFORMATION:

S-08-480-068-7

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAAAGTAAATA 1606  
|||||  
DB 19 GAAATATATAAAAGTAAAAA 2

RESULT 569

US-08-480-068-8/c  
Sequence 8, Application US/08480068  
Patent No. 6111095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-480-068-8

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATAAAAGTAAATA 1606  
b ||||| ||||| ||||| ||||| 2  
19 GAAATATAAAAGTAAATA 2

RESULT 570  
S-08-480-068-9/c  
Sequence 9, Application US/08480068  
Patent No. 611095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-480-068-9

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAAATA 1606  
Db ||||| ||||| ||||| ||||| 2  
19 GAAATATAAAAGTAAATA 2

RESULT 571  
US-08-480-068-10/c  
Sequence 10, Application US/08480068  
Patent No. 611095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 19...19  
OTHER INFORMATION:  
US-08-480-068-10

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAAATA 1606  
Db ||||| ||||| ||||| ||||| 2  
19 GAAATATAAAAGTAAATA 2

RESULT 572



STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: GIESSE, JOANNE M

REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-480-068-15

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAATA 1606

DB 19 GAAATATAAAGTAAATA 2

COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: GIESSE, JOANNE M

REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

US-08-480-068-16

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAATA 1606

DB 19 GAAATATAAAGTAAATA 2

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: GIESSE, JOANNE M

REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

US-08-480-068-16

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAATA 1606

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: GIESSE, JOANNE M

REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-480-068-15

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAATA 1606

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: GIESSE, JOANNE M

REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 12...12

OTHER INFORMATION:

US-08-480-068-16

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAATA 1606

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: GIESSE, JOANNE M

REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-480-068-15

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAATA 1606

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ

COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS

SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068

FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: GIESSE, JOANNE M

REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406

TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/973,137  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA: 08/480,068  
 APPLICATION NUMBER: 08/480,068  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: GIESSE, JOANNE M  
 REGISTRATION NUMBER: 32,838  
 REFERENCE/DOCKET NUMBER: 19406  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 908-594-3046  
 TELEFAX: 908-594-4720  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE:  
 ORIGINAL SOURCE:  
 FEATURE:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 US-08-973-137-1

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
 Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

NY 1589 GAAATATATAAAGTAATA 1606  
 ||||| ||||| ||||| ||||| |||||  
 DB 19 GAAATATATAAATAAAAA 2

RESULT 577  
 US-08-973-137-4/C  
 Sequence 4, Application US/08973137  
 Patent No. 6369208  
 GENERAL INFORMATION:  
 APPLICANT: BENSELER, FRITZ  
 APPLICANT: COLE, JAMES L.  
 APPLICANT: OLSEN, DAVID B.  
 APPLICANT: KUO, LAWRENCE C.  
 TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.  
 STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
 CITY: RAHWAY  
 STATE: NJ  
 COUNTRY: US  
 ZIP: 07065-0907  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/973,137

FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA: 08/480,068  
 APPLICATION NUMBER: 08/480,068  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: GIESSE, JOANNE M  
 REGISTRATION NUMBER: 32,838  
 REFERENCE/DOCKET NUMBER: 19406  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 908-594-3046  
 TELEFAX: 908-594-4720  
 TELEX:  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 19 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: Genomic RNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 FRAGMENT TYPE:  
 ORIGINAL SOURCE:  
 FEATURE:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 NAME/KEY: Modified Base  
 LOCATION: 1...1  
 OTHER INFORMATION:  
 US-08-973-137-4

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
 Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAAGTAATA 1606  
 ||||| ||||| ||||| ||||| |||||  
 DB 19 GAAATATATAAATAAAAA 2

RESULT 578  
 US-08-973-137-6/C  
 Sequence 6, Application US/08973137  
 Patent No. 6369208  
 GENERAL INFORMATION:  
 APPLICANT: BENSELER, FRITZ  
 APPLICANT: COLE, JAMES L.  
 APPLICANT: OLSEN, DAVID B.  
 APPLICANT: KUO, LAWRENCE C.  
 TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
 NUMBER OF SEQUENCES: 21  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.  
 STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
 CITY: RAHWAY  
 STATE: NJ  
 COUNTRY: US  
 ZIP: 07065-0907  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/973,137  
 FILING DATE:  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/480,068  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

## INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-973-137-6

Query Match 0.9%; Score 11.6; DB 1; Length 19;

Best Local Similarity 77.8%; Pred. No. 5.5e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATATAAAGTAATAA 1606

DB 19 GAAATATATAAATATAA 2

## RESULT 579

US-08-973-137-7/c

Sequence 7, Application US/08973137

Patent No. 6369208

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUI, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK &amp; CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION NUMBER: US/08/973,137

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

## TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Genomic RNA

HYPOTHETICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE:

ORIGINAL SOURCE:

FEATURE:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 1...1

OTHER INFORMATION:

NAME/KEY: Modified Base

LOCATION: 13...13

OTHER INFORMATION:

US-08-973-137-7

Query Match

Best Local Similarity

Matches 14; Conservative

QY 1589 GAAATATATAAAGTAATAA 1606

DB 19 GAAATATATAAATATAA 2

## RESULT 580

US-08-973-137-8/c

Sequence 8, Application US/08973137

Patent No. 6369208

GENERAL INFORMATION:

APPLICANT: BENSELER, FRITZ

APPLICANT: COLE, JAMES L.

APPLICANT: OLSEN, DAVID B.

APPLICANT: KUI, LAWRENCE C.

TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: JOANNE M. GIESSEY - MERCK &amp; CO., INC.

STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000

CITY: RAHWAY

STATE: NJ

COUNTRY: US

ZIP: 07065-0907

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/973,137

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/480,068

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: GIESSEY, JOANNE M

REGISTRATION NUMBER: 32,838

REFERENCE/DOCKET NUMBER: 19406

TELECOMMUNICATION INFORMATION:

TELEPHONE: 908-594-3046

TELEFAX: 908-594-4720

TELEX:  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-973-137-8

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

y 1589 GAAATATATAAAGTAAATA 1606  
|||||  
b 19 GAAATATATAAAGTAAATA 2

RESULT 581  
S-08-973-137-9/c  
Sequence 9, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUIO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 6...6  
OTHER INFORMATION:  
US-08-973-137-9  
Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Cy 1589 GAAATATATAAAGTAAATA 1606  
|||||  
Db 19 GAAATATATAAAGTAAATA 2  
RESULT 582  
US-08-973-137-10/c  
Sequence 10, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KUIO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAHWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single



TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 19...19  
OTHER INFORMATION:  
US-08-973-137-10

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATATAAGTAAATA 1606  
Db 19 GAAATATATAAGTAAATA 2

RESULT 583  
US-08-973-137-13/c  
Sequence 13, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAYWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO

ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
US-08-973-137-13

Query Match 0.9%; Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Y 1589 GAAATATATAAGTAAATA 1606  
Db 19 GAAATATATAAGTAAATA 2

RESULT 584  
US-08-973-137-14/c  
Sequence 14, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAYWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1

OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
US-08-973-137-14

Query Match 0.9% Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Y 1589 GAAATATAAAAGTAAATA 1606  
|||||  
Db 19 GAAATATAAAAGTAAATA 2

RESULT 585  
US-08-973-137-15/c  
Sequence 15, Application US/08973137  
Patent No. 6369208

GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KOO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAYWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 13...13

OTHER INFORMATION:  
US-08-973-137-15

Query Match 0.9% Score 11.6; DB 1; Length 19;  
Best Local Similarity 77.8%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1589 GAAATATAAAAGTAAATA 1606  
|||||  
Db 19 GAAATATAAAAGTAAATA 2

RESULT 586  
US-08-973-137-16/c  
Sequence 16, Application US/08973137  
Patent No. 6369208  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLE, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KOO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAYWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/973,137  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 1...1  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 12...12  
OTHER INFORMATION:  
US-08-973-137-16



Patent No. 6387699  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF A20 EXPRESSION  
FILE REFERENCE: RTS-0141  
CURRENT APPLICATION NUMBER: US/09/658,687A  
CURRENT FILING DATE: 2000-09-08  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 26  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
IS-09-658-687A-26

Query Match 0.98; Score 11.6; DB 1; Length 20;  
Best Local Similarity 77.8%; Pred. No. 5.9e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Y 1289 TTTATCTGAAATTTTAAAT 1306  
b 1 TTTGTCGTAATGCAAT 18

RESULT 591  
IS-08-807-104-2/c  
Sequence 2, Application US/08807104  
Patent No. 5861501  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLB, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KOO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAYWAY  
STATE: NJ  
COUNTRY: USA  
ZIP: 07065

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/807,104  
FILING DATE: 04-FEB-1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/480,068  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: YABLONSKY, MICHAEL D.  
REGISTRATION NUMBER: 40,407  
REFERENCE/DOCKET NUMBER: 19406DA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 732-594-4678  
TELEFAX: 732-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
FEATURE:

NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
US-08-807-104-2

Query Match 0.98; Score 11.6; DB 1; Length 20;  
Best Local Similarity 77.8%; Pred. No. 5.9e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAATA 1606  
DB 20 GAAATATAAAAGTAATA 3

RESULT 592  
US-08-480-068-2/c  
Sequence 2, Application US/08480068  
Patent No. 6111095  
GENERAL INFORMATION:  
APPLICANT: BENSELER, FRITZ  
APPLICANT: COLB, JAMES L.  
APPLICANT: OLSEN, DAVID B.  
APPLICANT: KOO, LAWRENCE C.  
TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
CITY: RAYWAY  
STATE: NJ  
COUNTRY: US  
ZIP: 07065-0907

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,068  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: GIESSEY, JOANNE M.  
REGISTRATION NUMBER: 32,838  
REFERENCE/DOCKET NUMBER: 19406  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-594-3046  
TELEFAX: 908-594-4720  
TELEX:

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic RNA  
HYPOTHEetical: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
FEATURE:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:  
NAME/KEY: Modified Base  
LOCATION: 2...2  
OTHER INFORMATION:

US-08-480-068-2

Query Match 0.9%; Score 11.6; DB 1; Length 20;  
Best Local Similarity 77.8%; Pred. No. 5.9e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAATA 1606  
|||||  
DB 20 GAAATATAAAAGTAATA 3

RESULT 593

US-08-973-137-2/c  
; Sequence 2, Application US/08973137  
; Patent No. 6369208  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973,137  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,068  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSER, JOANNE M.  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Modified Base  
; LOCATION: 2...2  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 2...2  
; OTHER INFORMATION:

Query Match 0.9%; Score 11.6; DB 1; Length 20;  
Best Local Similarity 77.8%; Pred. No. 5.9e+02;  
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1589 GAAATATAAAAGTAATA 1606  
|||||  
DB 20 GAAATATAAAAGTAATA 3

RESULT 594

US-08-233-130A-1  
; Sequence 1, Application US/08233130A  
; Patent No. 5587300  
; GENERAL INFORMATION:  
; APPLICANT: Malter, James S.  
; TITLE OF INVENTION: Method to Increase Regulatory Molecule  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.  
; STREET: 203 Textile Building, 119 No. 5587300th Fourth Street  
; CITY: Minneapolis  
; STATE: MN  
; COUNTRY: USA  
; ZIP: 55401  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/233,130A  
; FILING DATE: 26-APR-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mueeting, Ann M.  
; REGISTRATION NUMBER: 33,977  
; REFERENCE/DOCKET NUMBER: 119.00010101  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 612-305-1220  
; TELEFAX: 612-305-1228  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: mRNA  
; US-08-233-130A-1

Query Match 0.9%; Score 11.4; DB 1; Length 13;  
Best Local Similarity 30.8%; Pred. No. 2.5e+02;  
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 1046 ATTATGTATTATTA 1058  
|:::|:::|  
DB 1 AUUAUUUUUUUA 13

RESULT 595

US-08-496-631-4  
; Sequence 4, Application US/08496631  
; Patent No. 5728548  
; GENERAL INFORMATION:  
; APPLICANT: Bowman, Michael  
; TITLE OF INVENTION: STEROID RECEPTOR RFL  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genetics Institute, Inc.  
; STREET: 87 CambridgePark Drive  
; CITY: Cambridge  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02140  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible

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/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/496.631
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Brown, Scott A.
/ REGISTRATION NUMBER: 32,724
/ REFERENCE/DOCKET NUMBER: G15248
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 498-8224
/ TELEFAX: (617) 876-5851
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 13 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-496-631-4

Query Match      0.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 30.8%; Pred. No. 2.5e+02;
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

Y 1046 ATTATGCTATTTA 1058
b 1 AAAAAAAAAA 13

RESULT 596
US-08-441-887A-124/c
Sequence 124, Application US/08441887A
Patent No. 5937832
GENERAL INFORMATION:
APPLICANT: Chee, Mark
APPLICANT: Cronin, Maureen T.
APPLICANT: Fodor, Stephen P.A.
APPLICANT: Huang, Xiaohua X.
APPLICANT: Hubbell, Earl A.
APPLICANT: Lipshutz, Robert J.
APPLICANT: Lobban, Peter E.
APPLICANT: Morris, Macdonald S.
APPLICANT: Sheldon, Edward L.
TITLE OF INVENTION: Arrays of Nucleic Acid Probes on
TITLE OF INVENTION: Biological Chips
NUMBER OF SEQUENCES: 360
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/441,887A
FILING DATE: 16-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/082,937
FILING DATE: 25-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joseph O.
```

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/ REGISTRATION NUMBER: 37,505
/ REFERENCE/DOCKET NUMBER: 018547-004160US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 650-326-2400
/ TELEFAX: 650-326-2422
/ INFORMATION FOR SEQ ID NO: 124:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 13 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (probe)
/ US-08-441-887A-124

Query Match      0.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 998 CATCATACATTA 1010
b 13 CATCATACAAA 1

RESULT 597
US-09-183-846A-12
Sequence 12, Application US/09183846A
Patent No. 6255046
GENERAL INFORMATION:
APPLICANT: Richard J. Bucala et al.
TITLE OF INVENTION: Inducible Phosphofructokinase and the Warberg Effect
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: DAVIS WRIGHT TREMAINE
STREET: 1501 Fourth Avenue, 2600 Century Square
CITY: Seattle
STATE: Washington
COUNTRY: U.S.A.
ZIP: 98101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC compatible
OPERATING SYSTEM: Windows95
SOFTWARE: Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/183,846A
FILING DATE: 10/30/98
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Oster, Jeffrey B.
REGISTRATION NUMBER: 32,585
REFERENCE/DOCKET NUMBER: 0902
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206 628 7711
TELEFAX: 206 628 7699
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 13
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: query sequence
US-09-183-846A-12

Query Match      0.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 2.5e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1046 ATTATGCTATTTA 1058
b 1 ATTATTTATTTA 13

RESULT 598
```

US-08-961-578C-12  
; Sequence 12, Application US/08961578C  
; Patent No. 6413939  
; GENERAL INFORMATION:  
; APPLICANT: Bucala, Richard J. et al.  
; TITLE OF INVENTION: Cancer Treatment Assay Using the Warberg Effect  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: THE PICOWER INSTITUTE FOR MEDICAL RESEARCH  
; STREET: 350 Community Drive  
; CITY: Manhasset  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 11030  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: PC compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: Word  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/961,578C  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oster, Jeffrey B.  
; REGISTRATION NUMBER: 32,585  
; REFERENCE/DOCKET NUMBER: 0901  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 516 562 9404  
; TELEFAX: 516 365 7919  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: unknown  
; MOLECULE TYPE: query sequence  
US-08-961-578C-12  
Query Match 0.9%; Score 11.4; DB 1; Length 13;  
Best Local Similarity 92.3%; Pred. No. 2.5e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1046 ATTATGATTATTA 1058  
Db 1 ATTATGATTATTA 13  
RESULT 599  
US-08-551-275-7  
; Sequence 7, Application US/08551275  
; Patent No. 5679551  
; GENERAL INFORMATION:  
; APPLICANT: Alderete, John F.  
; TITLE OF INVENTION: Unique Double-Stranded RNAs Associated  
; with the Trichomonas Vaginalis Virus  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: TX  
; COUNTRY: US  
; ZIP: 77210  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/551,275  
; FILING DATE: 30-OCT-1995  
; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:  
; NAME: Cordeir, Timothy S.  
; REGISTRATION NUMBER: 38,414  
; REFERENCE/DOCKET NUMBER: UTSK:267/COD  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (512) 418-3000  
; TELEFAX: (512) 474-7577  
; TELEX: N/A  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-551-275-7  
Query Match 0.9%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1197 TTTTTCAGATTAAA 1209  
Db 1 TTTTTCAGATTAAA 13  
RESULT 600  
US-08-715-568A-7/c  
; Sequence 7, Application US/08715568A  
; Patent No. 5856463  
; GENERAL INFORMATION:  
; APPLICANT: Prydz, Hans Peter Blankenborg  
; APPLICANT: Brede, Gaute  
; TITLE OF INVENTION: PSKH-1 Ribozymes and Uses in Disease  
; TITLE OF INVENTION: Treatment  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lerner, David, Littenberg, Krumholz & Mentlik  
; STREET: 600 South Avenue West  
; CITY: Westfield  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 07090-1497  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/715,568A  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Foley, Shawn P.  
; REFERENCE/DOCKET NUMBER: FORSK 3.0-002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-654-5000  
; TELEFAX: 908-654-7866  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 14 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-715-568A-7  
Query Match 0.9%; Score 11.4; DB 1; Length 14;  
Best Local Similarity 92.3%; Pred. No. 3.1e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 817 AGCTGGAATCT 829  
Db 13 AGCTGGAATCT 1

RESULT 601  
 US-08-913-833-146  
 Sequence 146, Application US/08913833  
 Patent No. 6087093  
 GENERAL INFORMATION:  
 APPLICANT: STUYVER, LIEVEN  
 APPLICANT: LOUWAGIE, JOOST  
 APPLICANT: ROSSAU, RUDI  
 TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
 TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
 NUMBER OF SEQUENCES: 164  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: ARNOLD, WHITE & DURKEE  
 STREET: P.O. BOX 4433  
 CITY: HOUSTON  
 STATE: TEXAS  
 COUNTRY: USA  
 ZIP: 77210-4433  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Microsoft Word 6.0 / ASCII text output  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/913,833  
 FILING DATE: 15 Sep 1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/EP97/00211  
 FILING DATE: 17 Jan 1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: EP 96870005.4  
 FILING DATE: 26 Jan 1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: EP 96870081.5  
 FILING DATE: 25 Jun 1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: KAMMERER, PATRICIA A.  
 REGISTRATION NUMBER: 29,775  
 REFERENCE/DOCKET NUMBER: INNS:008  
 INFORMATION FOR SEQ ID NO: 146:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 14 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 3'-08-913-833-146  
 Query Match 0.9%; Score 11.4; DB 1; Length 14;  
 Best Local Similarity 92.3%; Pred. No. 3.1e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 1247 CAGATAAAACA 1259  
 |||||  
 2 CAGATAAAACA 14  
 RESULT 602  
 3-08-872-917-6  
 Sequence 6, Application US/08872917  
 Patent No. 6096549  
 GENERAL INFORMATION:  
 APPLICANT: PELICIC, Vladimir  
 APPLICANT: REYRAT, Jean-Marc  
 APPLICANT: GICQUEL, Brigitte  
 TITLE OF INVENTION: METHOD OF SELECTION OF ALLELIC EXCHANGE MUTANTS  
 FILE REFERENCE: 03495.0148-01  
 CURRENT APPLICATION NUMBER: US/08/872,917  
 CURRENT FILING DATE: 1997-07-11  
 EARLIER APPLICATION NUMBER: 08/661,658

; EARLIER FILING DATE: 1996-06-11  
 ; NUMBER OF SEQ ID NOS: 11  
 ; SOFTWARE: PatentIn ver. 2.0  
 ; SEQ ID NO 6  
 ; LENGTH: 14  
 ; TYPE: DNA  
 ; ORGANISM: Mycobacterium sp.  
 US-08-872-917-6  
 Query Match 0.9%; Score 11.4; DB 1; Length 14;  
 Best Local Similarity 92.3%; Pred. No. 3.1e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 Qy 618 AAAAAACAACA 630  
 Db 1 AAAAAACAACA 13  
 RESULT 603  
 US-09-194-679-11  
 Sequence 11, Application US/09194679  
 Patent No. 6329144  
 GENERAL INFORMATION:  
 APPLICANT: KUBISTA, Mikael  
 APPLICANT: SVANVIK, Nicke  
 TITLE OF INVENTION: PROBE FOR ANALYSIS OF NUCLEIC ACIDS  
 FILE REFERENCE: 2921-107P  
 CURRENT APPLICATION NUMBER: US/09/194,679  
 CURRENT FILING DATE: 1999-01-29  
 NUMBER OF SEQ ID NOS: 16  
 SOFTWARE: PatentIn ver. 2.1  
 SEQ ID NO 11  
 LENGTH: 14  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: Partial PNA  
 OTHER INFORMATION: sequence  
 US-09-194-679-11  
 Query Match 0.9%; Score 11.4; DB 1; Length 14;  
 Best Local Similarity 92.3%; Pred. No. 3.1e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 Qy 458 TCACACTTCATG 470  
 Db 2 TCACACTGCATG 14  
 RESULT 604  
 US-09-580-794C-146  
 Sequence 146, Application US/09580794C  
 Patent No. 6331389  
 GENERAL INFORMATION:  
 APPLICANT: STUYVER, Lieven  
 APPLICANT: LOUWAGIE, Joost  
 APPLICANT: ROSSAU, Rudi  
 TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
 FILE REFERENCE: INNS008--2  
 CURRENT APPLICATION NUMBER: US/09/580,794C  
 CURRENT FILING DATE: 2000-05-30  
 PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
 PRIOR FILING DATE: 1997-09-15  
 PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
 PRIOR FILING DATE: 1997-01-17  
 PRIOR APPLICATION NUMBER: EP 96870005.4  
 PRIOR FILING DATE: 1996-01-26  
 PRIOR APPLICATION NUMBER: EP 96870081.5  
 PRIOR FILING DATE: 1996-06-25  
 NUMBER OF SEQ ID NOS: 164  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 146



```

; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
; US-09-580-794C-146

Query Match          0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 CAGATAAACACA 1259
Db 2 CAGATAAACACA 14

RESULT 605
US-08-535-249-110
; Sequence 110, Application US/08535249
; Patent No. 6455689
; GENERAL INFORMATION:
; APPLICANT: Schlingsiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingsiepen, Karl-Hermann
; APPLICANT: Schlingsiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,249
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
; US-08-535-249-110

Query Match          0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 477 GTGGTCTGTGT 489
```

```

Db 1 GTGGTCTGTGT 13

RESULT 606
US-09-475-947A-148
; Sequence 148, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 148
; LENGTH: 14
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-148

Query Match          0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1047 TTTATGCTATTAT 1059
Db 2 TTTATGCTATTAT 14

RESULT 607
US-09-475-947A-310
; Sequence 310, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 310
; LENGTH: 14
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-310

Query Match          0.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 618 AAAAAACACAA 630
Db 2 AAAAAACACAA 14

RESULT 608
US-08-479-248-10/c
; Sequence 10, Application US/08479248
; Patent No. 5594121
; GENERAL INFORMATION:
; APPLICANT: FROEHLER, BRIAN
; APPLICANT: MATTEUCCI, MARK
; TITLE OF INVENTION: ENHANCED TRIPLE-HELIX AND DOUBLE-HELIX
; TITLE OF INVENTION: FORMATION WITH OLIGOMERS CONTAINING MODIFIED PURINES
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: GILEAD SCIENCES INC.  
STREET: 353 Lakeside Drive  
CITY: Foster City  
STATE: CA  
COUNTRY: USA  
ZIP: 94040

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/479,248  
FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: MUENCHAU, DARYL

REGISTRATION NUMBER: 36,616

REFERENCE/DOCKET NUMBER: 160.1C

TELEPHONE: (415) 574-3000

TELEFAX: (415) 573-4899

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

FEATURE:

NAME/KEY: misc difference

LOCATION: one-of(6, 9, 11, 13, 15)

OTHER INFORMATION: /note= "These positions are T."

OTHER INFORMATION: 5-(1-propynyl)-2'-deoxyriidine (pdu), or other suitable

OTHER INFORMATION: Pyrimidines."

FEATURE:

NAME/KEY: misc difference

LOCATION: replace(10, "")

OTHER INFORMATION: /note= "This position is

OTHER INFORMATION: 7-substituted deazapurine nucleomonomer."

FEATURE:

NAME/KEY: misc difference

LOCATION: one-of(1, 2, 3, 4, 5, 7, 8, 12, 14)

OTHER INFORMATION: /note= "These positions are

OTHER INFORMATION: 2'-deoxyadenosine."

S-08-479-248-10

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1005 ACATAAATTATTT 1018

|||||

b 15 ATATATATTTT 2

RESULT 609

S-08-319-492B-114

Sequence 114, Application US/08319492B

Patent No. 5616488

GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.

APPLICANT: Draper, Kenneth G.

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS

NUMBER OF SEQUENCES: 751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/276

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 114:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-319-492B-114

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 46.2%; Pred. No. 3.7e+02;  
Matches 6; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1476 ATTCTTATATAT 1488

|||||

Db 2 AUUCUUAUAU 14

RESULT 610

US-08-319-492B-115

Sequence 115, Application US/08319492B

Patent No. 5616488

GENERAL INFORMATION:

APPLICANT: Sullivan, Sean M.

APPLICANT: Draper, Kenneth G.

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES

TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS

NUMBER OF SEQUENCES: 751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/319,492B

FILING DATE: October 7, 1994  
 PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/276  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 115:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-319-492B-115

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 46.2%; Pred. No. 3.7e+02;  
 Matches 6; Conservative 6; Mismatches 1; Indels

QY 1615 TTAATAATATAATT 1627  
 DB 1 UUAUAUAUAUUU 13  
 ::|||::|::|:

RESULT 611  
 US-08-319-492B-122  
 Sequence 122, Application US/08319492B  
 Patent No. 5616488  
 GENERAL INFORMATION:  
 APPLICANT: Sullivan, Sean M.  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: McSwiggan, James J.  
 APPLICANT: Scinchcomb, Dan T.  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
 TITLE OF INVENTION: OF CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF IL-5  
 NUMBER OF SEQUENCES: 751  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/319,492B  
 FILING DATE: October 7, 1994  
 PRIOR APPLICATION DATA:  
 PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1050 ATGATTTATTTA 1062  
 |||||  
 b 15 ATGATTTATTTA 3

## RESULT 613

US-08-334-847-43/c  
 Sequence 43, Application US/08334847  
 Patent No. 5693532

## GENERAL INFORMATION:

APPLICANT: McSwiggen, James  
 APPLICANT: Draper, Kenneth  
 APPLICANT: Pavco, Pam  
 APPLICANT: Woolf, Tod

TITLE OF INVENTION: METHOD AND REAGENT FOR  
 TITLE OF INVENTION: INHIBITING RESPIRATORY  
 TITLE OF INVENTION: SYNCTIAL VIRUS

NUMBER OF SEQUENCES: 909

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/334,847

FILING DATE: No. 5693532ember 4, 1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/032

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 43:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-334-847-43

Query Match 0.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1050 ATGATTTATTTA 1062

|||||

b 14 ATGATTTATTTA 2

## RESULT 614

US-08-440-787A-117/c

Sequence 117, Application US/08440787A

Patent No. 5770434

## GENERAL INFORMATION:

APPLICANT: Huse, William D.

TITLE OF INVENTION: Soluble Peptides Having Constrained,

TITLE OF INVENTION: Secondary Conformation in Solution and Method of Making

TITLE OF INVENTION: Same.  
 NUMBER OF SEQUENCES: 174  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Campbell & Flores LLP  
 STREET: 4370 La Jolla Village Drive, Suite 700  
 CITY: San Diego  
 STATE: California  
 COUNTRY: USA  
 ZIP: 92122

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/440,787A

FILING DATE: 15-MAY-1995

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/978,893

FILING DATE: 10-NOV-1992

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815

REFERENCE/DOCKET NUMBER: P-IX 1586

TELECOMMUNICATION INFORMATION:

TELEPHONE: (619) 535-9001

TELEFAX: (619) 535-8949

INFORMATION FOR SEQ ID NO: 117:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

FEATURE:

NAME/KEY: misc feature

LOCATION: 13..14

OTHER INFORMATION: /note= "N = X (used in Table VI),

OTHER INFORMATION: which represents an equal mixture of all four

OTHER INFORMATION: nucleotides."

US-08-440-787A-117

Query Match 0.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 80.0%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1579 TGATTGTATCGAAT 1593

|||||

Db 15 TNNTTGTATCGAATT 1

## RESULT 615

US-08-671-071B-4

Sequence 4, Application US/08671071B

Patent No. 5811270

## GENERAL INFORMATION:

APPLICANT: Grandgenett, Duane

TITLE OF INVENTION: An in vitro method for concerted integration of

TITLE OF INVENTION: donor DNA molecules using retroviral integrase proteins.

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Grandgenett, Duane

STREET: 8610 Henrietta Ave

CITY: Brentwood

STATE: Missouri

COUNTRY: USA

ZIP: 63144

COMPUTER READABLE FORM:

MEDIUM TYPE: Distette, 3.5 inch;

COMPUTER: Gateway 2000, 4DX2-66E (Intel)

OPERATING SYSTEM: IBM clone

SOFTWARE: Microsoft Word

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/671,071B  
FILING DATE: 06/27/96  
CLASSIFICATION: 435  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (314) 962-0064  
TELEFAX: (314) 577-8406  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 bases  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHEICAL: no  
ANTI-SENSE: no  
ORIGINAL SOURCE: Combination of avian or HIV-1 retrovirus  
ORIGINAL SOURCE: DNA. p1AN7 plasmid and pGEM plasmid.  
IMMEDIATE SOURCE: Same as in 2.vi.  
FEATURE:  
OTHER INFORMATION: The sequence is the bottom strand of  
M-2 U5 and the pGEM target of the middle clone shown in  
OTHER INFORMATION: Figure 14 of original application.  
US-08-671-071B-4

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1424 TCATATGATGATA 1436  
DB 3 TCATATGATGATA 15

RESULT 616  
US-08-311-486C-203  
Sequence 203, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

two

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 203:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-203

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 30.8%; Pred. No. 3.7e+02;  
Matches 4; Conservative 8; Mismatches 1; Indels 0; Gaps 0;

QY 1046 ATTATGATTTA 1058  
DB 1 AUAUAUAUAUA 13

RESULT 617  
US-08-311-486C-700  
Sequence 700, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

two

```

: INFORMATION FOR SEQ ID NO: 700:
:
: SEQUENCE CHARACTERISTICS:
:
: LENGTH: 15 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
:
: IS-08-311-486C-700

```

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 30.8%; Pred. NO. 3.7e+02;  
Matches 4; Conservative 8; Mismatches 1; Indels

NY 1039 ATTATTATTTAT 1051  
| ::||::|:  
b 2 ACUUAUUUUUU 14

RESULT 618  
IS-08-311-486C-701  
Sequence 701, Application US/08311486C  
Patent No. 5811300

PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below;  
 PRIOR APPLICATION DATA: described below;

TELE: 87-3310 701:  
INFORMATION FOR SEQ ID NO:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-311-486C-701

```
QY      1045 TATTATGTATT 1057
        :|::|: :|:::
DB      1 UAUUUUUUUUU 13
```

S-08-311-486C-701

```

Query Match      0.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 30.8; Pred. No. 3.7e+02;
Matches 4; Conservative 8; Mismatches 1; Indels

QY 1039 ATTATTATTAT 1051
      |::|::|::|
Db 1 ACUUAUUUUUU 13

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```
QY      1039 ATTATATTAT 1051
          |::|::|::|:
Db      1 ACTUAAUUAU 13
```

RESULT 619  
US-08-311-486C-722  
; Sequence 722, Application US/083111486C

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 23.1%; Pred. No. 3.7e+02;  
Matches 3; Conservative 9; Mismatches 1; Indels

```
QY      1045 TATTATGTATT 1057
        :|::|: :|:::
DB      1 UAUUUUUUUUU 13
```

S-08-311-486C-701

two

RESULT 620  
 US-08-292-620A-149/c  
 ; Sequence 149, Application US/08292620A  
 ; Patent No. 5837542  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Susan Grimm  
 ; APPLICANT: Dan T. Stinchcomb  
 ; APPLICANT: James McSwiggen  
 ; APPLICANT: Sean Sullivan  
 ; APPLICANT: Kenneth G. Draper  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS  
 ; TITLE OF INVENTION: RELATED TO LEVELS OF  
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION  
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 ; NUMBER OF SEQUENCES: 2390  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/292,620A  
 ; FILING DATE: August 17, 1994  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; PRIOR APPLICATION DATA: including application  
 ; PRIOR APPLICATION DATA: described below:  
 ; APPLICATION NUMBER: 08/008,895  
 ; FILING DATE: January 19, 1993  
 ; FILING DATE: December 7, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 208/149  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 149:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 15 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-292-620A-149

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 954 CACAGTGATGATG 966  
 |||||  
 Db 14 CACAGTGATGATG 2

RESULT 621  
 US-08-292-620A-218  
 ; Sequence 218, Application US/08292620A  
 ; Patent No. 5837542  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb  
 ; APPLICANT: James McSwiggen  
 ; APPLICANT: Sean Sullivan  
 ; APPLICANT: Kenneth G. Draper  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS  
 ; TITLE OF INVENTION: RELATED TO LEVELS OF  
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION  
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 ; NUMBER OF SEQUENCES: 2390  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/292,620A  
 ; FILING DATE: August 17, 1994  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; PRIOR APPLICATION DATA: including application  
 ; PRIOR APPLICATION DATA: described below:  
 ; APPLICATION NUMBER: 08/008,895  
 ; FILING DATE: January 19, 1993  
 ; FILING DATE: December 7, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 208/149  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 218:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 15 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-292-620A-218

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 38.5%; Pred. No. 3.7e+02;  
 Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATTA 1062  
 ||:|:|:|:|:|  
 Db 1 AUGUAUUUAUUA 13

RESULT 622  
 US-08-292-620A-512  
 ; Sequence 512, Application US/08292620A  
 ; Patent No. 5837542  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb  
 ; APPLICANT: James McSwiggen  
 ; APPLICANT: Sean Sullivan  
 ; APPLICANT: Kenneth G. Draper  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS  
 ; TITLE OF INVENTION: RELATED TO LEVELS OF

two

two

TITLE OF INVENTION: INTRACELLULAR ADHESION  
 NUMBER OF SEQUENCES: 2390  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 SUITE: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.

ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/292,620A  
 FILING DATE: August 17, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 512:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-292-620A-512

Query Match 0.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 38.5%; Pred. No. 3.7e+02;

Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

y 1050 ATGTATTATTATTA 1062

||:||||:|

b 2 AUGUAUUUAUA 14

RESULT 523

US-08-292-620A-513

Sequence 513, Application US/08292620A

Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A

FILING DATE: August 17, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 513:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-292-620A-513

Query Match 0.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 38.5%; Pred. No. 3.7e+02;

Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1050 ATGTATTATTATTA 1062

||:||||:|

Db 1 AUGUAUUUAUA 13

RESULT 524

US-08-292-620A-516

Sequence 516, Application US/08292620A

Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

MEDIUM TYPE: storage





ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 576:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-576

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 38.5%; Pred. No. 3.7e+02;  
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Y 1050 ATGTTATTATTATTA 1062  
b 1 AUGUUUUUUUA 13

RESULT 627  
S-08-585-684B-894/c  
Sequence 894, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 894:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-585-684B-894

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 576:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-576

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 38.5%; Pred. No. 3.7e+02;  
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Y 1050 ATGTTATTATTATTA 1062  
b 1 AUGUUUUUUUA 13

RESULT 627  
S-08-585-684B-894/c  
Sequence 894, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 894:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
S-08-585-684B-894

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1038 TATTATTATTATTA 1050  
Db 13 TATTATTATTATTA 1

RESULT 628  
US-08-716-308-14/c  
Sequence 14, Application US/08716308  
Patent No. 5885569  
GENERAL INFORMATION:  
APPLICANT: Windass, John D.  
TITLE OF INVENTION: Biological Insect Control Agent  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ZENBECA Inc.  
STREET: 1800 Concord Pike  
CITY: Wilmington  
STATE: DE  
COUNTRY: USA  
ZIP: 19850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patencin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/716,308  
FILING DATE: 24-SEP-1996  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB95/00677  
FILING DATE: 27-MAR-1995  
APPLICATION DATA:  
APPLICATION NUMBER: GB 9405951.6  
FILING DATE: 25-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Hohenschutz, Liza D.  
REGISTRATION NUMBER: 33,712  
REFERENCE/DOCKET NUMBER: PPD40027X/UST  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (302) 886-1699  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-716-308-14

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 441 CTTCAAGCAATC 453  
Db 15 CTTCAAGCAATC 3

RESULT 629  
US-08-466-860-59/c  
Sequence 58, Application US/08466860  
Patent No. 5985552  
GENERAL INFORMATION:  
APPLICANT: HOWELL, MARK D.  
APPLICANT: BROSTOFF, STEVEN W.  
APPLICANT: CARLO, DENNIS J.  
TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES  
RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL

;; TITLE OF INVENTION: POPULATIONS  
;; NUMBER OF SEQUENCES: 75  
;; CORRESPONDENCE ADDRESS:  
;; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700  
;; CITY: SAN DIEGO  
;; STATE: CALIFORNIA  
;; COUNTRY: UNITED STATES  
;; ZIP: 92122  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/466,860  
;; FILING DATE:  
;; CLASSIFICATION: 424  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/913,867  
;; FILING DATE: 24-DEC-1991  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: CAMPBELL, CATHRYN  
;; REGISTRATION NUMBER: 31,815  
;; REFERENCE/DOCKET NUMBER: P-IM 9107  
;; TELEPHONE: 619-535-9001  
;; TELEFAX: 619-535-8949  
;; INFORMATION FOR SEQ ID NO: 58:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-08-466-860-58

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 574 TCCAGACATCTACT 586  
| | | | | | | | | | | | | | | | | |  
DB 15 TCCAGACATCTACT 3

RESULT 630  
US-08-544-381B-104/c  
; Sequence 104, Application US/08544381B  
; Patent No. 6027880  
; GENERAL INFORMATION:  
; APPLICANT: Cronin, Maureen T.  
; APPLICANT: Miyada, Charles Garrett  
; APPLICANT: Hubbell, Earl A.  
; APPLICANT: Chee, Mark  
; APPLICANT: Fodor, Stephen P.A.  
; APPLICANT: Huang, Xiaohua C.  
; APPLICANT: Lipschutz, Robert J.  
; APPLICANT: Lobban, Peter E.  
; APPLICANT: Morris, Macdonald S.  
; APPLICANT: Sheldon, Edward L.  
; TITLE OF INVENTION: Arrays of Nucleic Acid Probes for  
; DETECTION OF CYSTIC FIBROSIS  
; NUMBER OF SEQUENCES: 250  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, 8th Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/544,381B  
;; FILING DATE: 10-OCT-1995  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/510,521  
;; FILING DATE: 02-AUG-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/US94/12305  
;; FILING DATE: 26-OCT-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/284,064  
;; FILING DATE: 02-AUG-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/143,312  
;; FILING DATE: 26-OCT-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Liebeschuetz, Joe  
;; REGISTRATION NUMBER: 37,505  
;; REFERENCE/DOCKET NUMBER: 018547-004130US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 415-576-0200  
;; TELEFAX: 415-576-0300  
;; INFORMATION FOR SEQ ID NO: 104:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 15 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (oligonucleotide)  
US-08-544-381B-104

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 903 TGGTTCTCTCTTAA 916  
| | | | | | | | | | | | | | | | | |  
DB 15 TGGTTCTCTCTATA 2

RESULT 631  
US-08-913-833-30  
; Sequence 30, Application US/08913833  
; Patent No. 6087093  
; GENERAL INFORMATION:  
; APPLICANT: STUYVER, LIEVEN  
; APPLICANT: LOUWAGIE, JOOST  
; APPLICANT: ROSSAU, RUDI  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
; MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
; NUMBER OF SEQUENCES: 164  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ARNOLD, WHITE & DURKEE  
; STREET: P.O. BOX 4433  
; CITY: HOUSTON  
; STATE: TEXAS  
; COUNTRY: USA  
; ZIP: 77210-4433  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Microsoft Word 6.0 / ASCII text output  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/913,833  
; FILING DATE: 15 Sep 1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/EP97/00211  
; FILING DATE: 17 Jan 1997

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: EP 96870005.4  
 FILING DATE: 26 Jan 1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: EP 96870081.5  
 FILING DATE: 25 Jun 1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: KAMMERER, PATRICIA A.  
 REGISTRATION NUMBER: 29,775  
 REFERENCE/DOCKET NUMBER: INNS:008  
 INFORMATION FOR SEQ ID NO: 30:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 S-08-913-833-30

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

y 725 ATTTCAGGATTC 737  
 ||||| |||||  
 b 1 ATTTCAGGATTC 13

RESULT 632  
 S-08-913-833-148  
 Sequence 148, Application US/08913833  
 Patent No. 6087093  
 GENERAL INFORMATION:

APPLICANT: STUYVER, LIEVEN  
 APPLICANT: LOUWAGIE, JOOST  
 APPLICANT: ROSSAU, RUDI  
 TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED  
 TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
 NUMBER OF SEQUENCES: 164  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: ARNOLD, WHITE & DURKEE  
 STREET: P.O. BOX 4433  
 CITY: HOUSTON  
 STATE: TEXAS  
 COUNTRY: USA  
 ZIP: 77210-4433

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Microsoft Word 6.0 / ASCII text output  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/913,833  
 FILING DATE: 15 Sep 1997  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: PCT/EP97/00211  
 FILING DATE: 17 Jan 1997

APPLICATION NUMBER: EP 96870005.4  
 FILING DATE: 26 Jan 1996  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: EP 96870081.5  
 FILING DATE: 25 Jun 1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: KAMMERER, PATRICIA A.  
 REGISTRATION NUMBER: 29,775  
 REFERENCE/DOCKET NUMBER: INNS:008  
 INFORMATION FOR SEQ ID NO: 148:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid

STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 S-08-913-833-148

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1247 CAGATAAACACCA 1259  
 ||||| |||||  
 Db 3 CAGATAAACACCA 15

RESULT 633  
 US-08-472-040A-58/c  
 Sequence 58, Application US/08472040A  
 Patent No. 6090387

GENERAL INFORMATION:  
 APPLICANT: HOWELL, MARK D.  
 APPLICANT: BROSTOFF, STEVEN W.  
 APPLICANT: CARLO, DENNIS J.  
 TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES  
 TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL  
 TITLE OF INVENTION: POPULATIONS  
 NUMBER OF SEQUENCES: 77  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: CAMPBELL & FLORES LLP  
 STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700  
 CITY: SAN DIEGO  
 STATE: CALIFORNIA  
 COUNTRY: UNITED STATES  
 ZIP: 92122

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/472,040A  
 FILING DATE: 06-JUN-1995  
 CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:  
 NAME: CAMPBELL, CATHRYN  
 REGISTRATION NUMBER: 31,815  
 REFERENCE/DOCKET NUMBER: P-IM 1641  
 TELEPHONE: 619-535-9001  
 TELEFAX: 619-535-8949

INFORMATION FOR SEQ ID NO: 58:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 S-08-472-040A-58

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
 Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 574 TCCAGAACATCT 586  
 ||||| |||||  
 Db 15 TCCAGAACATCT 3

RESULT 634  
 US-09-071-845-149/c  
 Sequence 149, Application US/09071845  
 Patent No. 6132967

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-149

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 954 CACAGTGATGTTG 966  
DB 14 CACAGTGATGATG 2

RESULT 635  
US-09-071-845-218  
Sequence 218, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF

GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 218:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-218

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 38.5%; Pred. No. 3.7e+02;  
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1050 ATGTATTATTATTA 1062  
DB 1 AUGUAUUUUUUA 13

RESULT 636  
US-09-071-845-512  
Sequence 512, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon

```

, MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
, MEDIUM TYPE: storage
, COMPUTER: IBM Compatible
, OPERATING SYSTEM: IBM P.C. DOS 5.0
, SOFTWARE: Word Perfect 5.1
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/071,845
, FILING DATE:
, CLASSIFICATION:
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: US/08/292,620
, FILING DATE: August 17, 1994
, APPLICATION NUMBER: 08/008,895
, FILING DATE: January 19, 1993
, APPLICATION NUMBER: 07/989,849
, FILING DATE: December 7, 1992
, ATTORNEY/AGENT INFORMATION:
, NAME: Warburg, Richard J.
, REGISTRATION NUMBER: 32,327
, REFERENCE/DOCKET NUMBER: 208/149
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (213) 489-1600
, TELEFAX: (213) 955-0440
, TELEX: 67-3510
, INFORMATION FOR SEQ ID NO: 513:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 15 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, US-09-071-845-513

Query Match 0.9%; Score 11.4
Best Local Similarity 38.5%; Pred. No. 1
Matches 5; Conservative 7; Mismatch

QY 1050 ARGATTATTATTA 1062
Db 1 AUGUAUUUAUUA 13

RESULT 638
US-09-071-845-516
, Sequence 516, Application US/09071845
, Patent No. 6132967
, GENERAL INFORMATION:
, APPLICANT: Susan Grimm
, APPLICANT: Dan T. Stinchcomb
, APPLICANT: James McSwiggen
, APPLICANT: Sean Sullivan
, TITLE OF INVENTION: RIBOSYME TREATMENT
, TITLE OF INVENTION: DISEASES OR CONDITIONS RELATED TO LEVELS
, TITLE OF INVENTION: RELATED TO LEVELS
, TITLE OF INVENTION: INTRACELLULAR ADHESION
, TITLE OF INVENTION: MOLECULE-1 (I-CAM)
, NUMBER OF SEQUENCES: 2390
, CORRESPONDENCE ADDRESS:
, ADDRESSEE: Lyon & Lyon
, STREET: 633 West Fifth Street
, STREET: Suite 4700
, CITY: Los Angeles
, STATE: California
, COUNTRY: U.S.A.
, ZIP: 90071-2066
, COMPUTER READABLE FORM:
, MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
, MEDIUM TYPE: storage
, COMPUTER: IBM Compatible
, OPERATING SYSTEM: IBM P.C. DOS 5.0
, SOFTWARE: Word Perfect 5.1
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/071,845

```

APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 518:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-518

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 38.5%; Pred. No. 3.7e+02;  
Matches 5; Conservative 7; Mismatches 1; Indels 0; Caps 0;

1050 ATGTTATTTATTTA 1062  
|:|:|:|:|:|  
1 AUGUAUUUAUUA 13

RESULT 640  
US-09-071-845-576  
Sequence 576, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggan  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2056  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 576:

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

3-09-071-845-576

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 38.5%; Pred. No. 3.7e+02;  
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Y 1050 ATGTATTATTATTA 1062  
|:|:|:|:|:|  
b 1 AUGUAUUAUAA 13

RESULT 641

S-08-952-376-3

Sequence 3, Application US/08952376  
Patent No. 6146855

GENERAL INFORMATION:

APPLICANT: Williams, Keith L  
APPLICANT: Vesey, Graham  
APPLICANT: Veal, Duncan  
APPLICANT: Ashbolt, Nicholas J  
APPLICANT: Dorsch, Matthias  
TITLE OF INVENTION: Method for the Detection of Viable  
TITLE OF INVENTION: Cryptosporidium parvum Cells  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Brinks, Hofer, Gilson & Lione  
STREET: 455 No. 6146855th Cityfront Plaza Drive  
CITY: Chicago  
STATE: IL

COUNTRY: USA

ZIP: 60611-5599

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.24

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/952,376

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US PCT/AU96/00274

FILING DATE: 06-MAY-1996

ATTORNEY/AGENT INFORMATION:

NAME: Martin, Alice

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: CDNA

S-08-952-376-3

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1284 TATTTTATCTG 1296

|||||

b 3 TATTTTATCTG 15

|||||

RESULT 642

US-09-038-073-894/c

Sequence 894, Application US/09038073

Patent No. 6194150

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwigen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: Storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/038,073

FILING DATE:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/585,584

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 894:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-038-073-894

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1038 TATTATTATTA 1050

|||||

Db 13 TATTATTATTA 1

|||||

RESULT 643

US-08-276-776-59/c

Sequence 58, Application US/08276776

Patent No. 6207645

GENERAL INFORMATION:

APPLICANT: HOWELL, MARK D.

APPLICANT: BROSTOFF, STEVEN W.

APPLICANT: CARLO, DENNIS J.

TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES

TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL

TITLE OF INVENTION: POPULATIONS

NUMBER OF SEQUENCES: 75

CORRESPONDENCE ADDRESS:

ADDRESSEE: CAMPBELL AND FLORES

STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700

CITY: SAN DIEGO

STATE: CALIFORNIA



/ COUNTRY: UNITED STATES  
/ ZIP: 92122  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent in Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/276.776  
/ FILING DATE:  
/ CLASSIFICATION:  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 07/813.867  
/ FILING DATE:  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: CAMPBELL, CATHRYN  
/ REGISTRATION NUMBER: 31.815  
/ REFERENCE/DOCKET NUMBER: P-IM 9107  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 619-535-8949  
/ TELEFAX: 619-535-8949  
/ INFORMATION FOR SEQ ID NO: 58:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 15 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (genomic)  
/ US-08-276-776-58  
/ Query Match 0.9%; Score 11.4; DB 1; Length 15;  
/ Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
/ QY 574 TCCAGACATACACT 586  
/ Db 15 TGCAGACATACACT 3  
/ RESULT 644  
/ US-08-471-209-58/c  
/ Sequence 58, Application US/08471209  
/ Patent No. 6221352  
/ GENERAL INFORMATION:  
/ APPLICANT: HOWELL, MARK D.  
/ APPLICANT: BROSTOFF, STEVEN W.  
/ APPLICANT: CARLO, DENNIS J.  
/ TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES  
/ RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL  
/ NUMBER OF INVENTION: POPULATIONS  
/ NUMBER OF SEQUENCES: 75  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: CAMPBELL AND FLORES  
/ STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700  
/ CITY: SAN DIEGO  
/ STATE: CALIFORNIA  
/ COUNTRY: UNITED STATES  
/ ZIP: 92122  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent in Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/471.209  
/ FILING DATE:  
/ CLASSIFICATION: 424  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: US 07/813.867  
/ FILING DATE: 24-DEC-1991  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: CAMPBELL, CATHRYN  
/ REGISTRATION NUMBER: 31.815

/ REFERENCE/DOCKET NUMBER: P-IM 9107  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 619-535-9001  
/ TELEFAX: 619-535-8949  
/ INFORMATION FOR SEQ ID NO: 58:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 15 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (genomic)  
/ US-08-471-209-58  
/ Query Match 0.9%; Score 11.4; DB 1; Length 15;  
/ Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
/ QY 574 TCCAGACATACACT 586  
/ Db 15 TGCAGACATACACT 3  
/ RESULT 645  
/ US-09-253-977-4  
/ Sequence 4, Application US/09253977A  
/ Patent No. 6316261  
/ GENERAL INFORMATION:  
/ APPLICANT: Grandgenett, Duane P.  
/ TITLE OF INVENTION: Method for Analyzing Concerted Integration of DNA Donor  
/ Molecules into Target DNA and the Enzymes that Perform  
/ TITLE OF INVENTION: this Concerted Integration Reaction  
/ FILE REFERENCE: 16153-8244  
/ CURRENT APPLICATION NUMBER: US/09/253.977A  
/ CURRENT FILING DATE: 1998-09-21  
/ EARLIER APPLICATION NUMBER: 08/671,071  
/ EARLIER FILING DATE: 1996-06-27  
/ EARLIER APPLICATION NUMBER: 08/247,089  
/ EARLIER FILING DATE: 1994-05-20  
/ NUMBER OF SEQ ID NOS: 7  
/ SOFTWARE: Patent in Ver. 2.0  
/ SEQ ID NO 4  
/ LENGTH: 15  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence: Combination  
/ OTHER INFORMATION: of avian or HIV-1 retrovirus DNA and pIAN7 plasmid  
/ US-09-253-977-4  
/ Query Match 0.9%; Score 11.4; DB 1; Length 15;  
/ Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
/ Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
/ QY 1424 TCAATATTAGTAA 1436  
/ Db 3 TCAATATTAGTAA 15  
/ RESULT 646  
/ US-09-580-794C-30  
/ Sequence 30, Application US/09580794C  
/ Patent No. 6331389  
/ GENERAL INFORMATION:  
/ APPLICANT: Stuyver, Lieven  
/ APPLICANT: Louwagie, Joost  
/ APPLICANT: Rossau, Rudi  
/ TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
/ TRANSCRIPTASE GENE  
/ FILE REFERENCE: INNS008--2  
/ CURRENT APPLICATION NUMBER: US/09/580.794C  
/ CURRENT FILING DATE: 2000-05-30  
/ PRIOR APPLICATION NUMBER: 08/913.833 now US/6,087,093  
/ PRIOR FILING DATE: 1997-09-15

PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
PRIOR FILING DATE: 1997-01-17  
PRIOR APPLICATION NUMBER: EP 96870005.4  
PRIOR FILING DATE: 1996-01-26  
PRIOR APPLICATION NUMBER: EP 96870081.5  
PRIOR FILING DATE: 1996-06-25  
NUMBER OF SEQ ID NOS: 164  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 30  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-30

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 725 ATTTCAGGATTTG 737  
Db 1 ATTTCAGGATTTG 13

RESULT 647  
US-09-580-794C-148  
; Sequence 148, Application US/09580794C  
; Patent No. 6331389  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwagie, Joost  
; APPLICANT: Rossau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; TITLE OF INVENTION: TRANSCRIPTASE GENE  
; FILE REFERENCE: INNS08--2  
; CURRENT APPLICATION NUMBER: US/09/580,794C  
; CURRENT FILING DATE: 2000-05-30  
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
; PRIOR FILING DATE: 1997-09-15  
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
; PRIOR FILING DATE: 1997-01-17  
; PRIOR APPLICATION NUMBER: EP 96870005.4  
; PRIOR FILING DATE: 1996-01-26  
; PRIOR APPLICATION NUMBER: EP 96870081.5  
; PRIOR FILING DATE: 1996-06-25  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 148  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-148

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 CAGATAAACAACA 1259  
Db 3 CAGATAAACAACA 15

RESULT 648  
US-09-081-646-236/c  
; Sequence 236, Application US/09081646  
; Patent No. 6331152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin

APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; TITLE OF INVENTION: Cancer Cells  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; CURRENT FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 236  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-236

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 TAAATTTTCCCAT 804  
Db 14 TAAATTTTCCCAT 2

RESULT 649  
US-09-081-646-575  
; Sequence 575, Application US/09081646  
; Patent No. 6333152  
; GENERAL INFORMATION:  
; APPLICANT: Kinzler, Kenneth  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Zhang, Lin  
; APPLICANT: Zhou, Wei  
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
; TITLE OF INVENTION: Cancer Cells  
; FILE REFERENCE: 01107.74664  
; CURRENT APPLICATION NUMBER: US/09/081,646  
; CURRENT FILING DATE: 1998-05-20  
; EARLIER APPLICATION NUMBER: 60/047,352  
; EARLIER FILING DATE: 1997-05-21  
; NUMBER OF SEQ ID NOS: 871  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 575  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-081-646-575

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1496 ATGACTGCATTTT 1508  
Db 2 ATGACTGCATTTT 14

RESULT 650  
US-09-423-233-40/c  
; Sequence 40, Application US/09423233  
; Patent No. 6372430  
; GENERAL INFORMATION:  
; APPLICANT: The Government of the United States of America as  
; TITLE OF INVENTION: Nucleic Acids for Detecting Aspergillus Species and  
; FILE REFERENCE: 03063-0341WP  
; CURRENT APPLICATION NUMBER: US/09/423,233  
; CURRENT FILING DATE: 2000-06-27  
; NUMBER OF SEQ ID NOS: 61  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 40  
; LENGTH: 15

TYPE: DNA  
ORGANISM: Mucor racemosus  
US-09-423-233-40

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 724 AATTCAGGAATT 736  
DB 15 AATTCAGGGATT 3

## RESULT 651

US-09-446-301A-36  
Sequence 36, Application US/09446301A  
Patent No. 6506893  
GENERAL INFORMATION:  
APPLICANT: EL SOLH, NEVINE  
TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USE FOR DETECTING RESISTANCE  
TITLE OF INVENTION: TO STREPTOGRAMIN A OR TO STREPTOGRAMIN B AND RELATED  
FILE REFERENCE: 03715-0059  
CURRENT APPLICATION NUMBER: US/09/446.301A  
CURRENT FILING DATE: 1999-12-20  
NUMBER OF SEQ ID NOS: 51  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 36  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-446-301A-36

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 394 AATTCATCTCTG 406  
DB 2 AATTCATCTATG 14

## RESULT 652

US-09-099-932-40  
Sequence 40, Application US/09099932  
Patent No. 6570001  
GENERAL INFORMATION:  
APPLICANT: El Solh, Nevine  
TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USE FOR DETECTING RESISTANCE  
TITLE OF INVENTION: TO STREPTOGRAMIN A OR TO STREPTOGRAMIN B AND RELATED  
FILE REFERENCE: 03495.0173-00000  
CURRENT APPLICATION NUMBER: US/09/099,932  
CURRENT FILING DATE: 1998-06-19  
EARLIER APPLICATION NUMBER: 60/050,380  
EARLIER FILING DATE: 1997-06-20  
NUMBER OF SEQ ID NOS: 50  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 40  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-099-932-40

Query Match 0.9%; Score 11.4; DB 1; Length 15;  
Best Local Similarity 92.3%; Pred. No. 3.7e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 394 AATTCATCTCTG 406  
DB 2 AATTCATCTATG 14

## RESULT 653

US-08-281-106-46/c  
Sequence 46, Application US/08281106  
Patent No. 5646262  
GENERAL INFORMATION:  
APPLICANT: KORBA, Brent E.  
TITLE OF INVENTION: Antisense Oligonucleotides Against  
TITLE OF INVENTION: Hepatitis B Viral Replication  
NUMBER OF SEQUENCES: 56  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W.  
CITY: Washington, D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/281,106  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 66683/112/GBUN  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202 672 5300  
TELEFAX: 202 672 5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 46:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: YES  
US-08-281-106-46

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 895 CTGTGCTTGGTT 907  
DB 14 CTGTGCTTGGGT 2

## RESULT 654

US-08-403-634-27/c  
Sequence 27, Application US/08403634  
Patent No. 5674748  
GENERAL INFORMATION:  
APPLICANT: Giordano, Antonio  
TITLE OF INVENTION: NOVEL HUMAN CYCLIN-DEPENDENT  
TITLE OF INVENTION: KINASE-LIKE PROTEINS AND METHODS  
TITLE OF INVENTION: OF USING THE SAME  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA

SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-551-275-6

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1197 TTTTTCAGTTAAA 1209  
||||| |||||  
DB 3 TTTTTCAGTTAAA 15

RESULT 656  
US-08-501-968-36/c  
Sequence 36, Application US/08501968  
Patent No. 5985862  
GENERAL INFORMATION:  
APPLICANT: Kevin Anderson and Lex Cowseert  
TITLE OF INVENTION: Antisense Inhibition of Hepatitis B  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/501,968  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA: none  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0128  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHEetical: NO  
ANTI-SENSE: YES  
US-08-501-968-36

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 895 CTGTCCTTGGTT 907  
||||| |||||  
DB 15 CTGTCCTTGGGT 3

RESULT 657  
US-08-485-942A-87  
Sequence 87, Application US/08485942A  
Patent No. 6048837  
GENERAL INFORMATION:

COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/403,634  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/208,575  
FILING DATE: 08-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-1482  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-403-634-27

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1337 GTCTGTGCTATGC 1349  
||||| |||||  
DB 15 GTCTGTGCTATGC 3

RESULT 655  
US-08-551-275-6  
Sequence 6, Application US/08551275  
Patent No. 5679551  
GENERAL INFORMATION:  
APPLICANT: Alderete, John F.  
TITLE OF INVENTION: Unique Double-Stranded RNAs Associated  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: TX  
COUNTRY: US  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/551,275  
FILING DATE: 30-OCT-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Corder, Timothy S.  
REGISTRATION NUMBER: 38,414  
REFERENCE/DOCKET NUMBER: UTSK:267/COD  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 474-7577  
N/A  
INFORMATION FOR SEQ ID NO: 6:

APPLICANT: JEFFREY M. FRIEDMAN, YIVING ZHANG, RICARDO PROENCA,  
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURL  
TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS  
TITLE OF INVENTION: AMENDED)  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KLAUBER & JACKSON  
STREET: 411 HACKENSACK AVENUE  
CITY: HACKENSACK  
STATE: NEW JERSEY  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENTIN RELEASE #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/485,942A  
FILING DATE: JUNE 7, 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: MAY 10, 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: AUGUST 17, 1994  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 600-1-087 CIP 2P  
FILING DATE: AUGUST 17, 1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: JACKSON ESQ., DAVID A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: Marker AFM206xcl  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-485-942A-87

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 AGGACATGTGGAA 981  
||| |||||  
DB 3 AGGCCATGTGGAA 15

RESULT 658  
US-08-913-833-149  
Sequence 149, Application US/08913833  
Patent No. 6087093  
GENERAL INFORMATION:  
APPLICANT: STUYVER, LIEVEN  
APPLICANT: LOUWAGIE, JOOST  
APPLICANT: ROSSAU, RUDI  
TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED

TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE  
NUMBER OF SEQUENCES: 164  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ARNOLD, WHITE & DURKEE  
STREET: P.O. BOX 4433  
CITY: HOUSTON  
STATE: TEXAS  
COUNTRY: USA  
ZIP: 77210-4433  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: MICROSOFT WORD 6.0 / ASCII text output  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/913,833  
FILING DATE: 15 Sep 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/EP97/00211  
FILING DATE: 17 Jan 1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96870005.4  
FILING DATE: 26 Jan 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96870081.5  
FILING DATE: 25 Jun 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: KAMMERER, PATRICIA A.  
REGISTRATION NUMBER: 29,775  
REFERENCE/DOCKET NUMBER: INNS:008  
INFORMATION FOR SEQ ID NO: 149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-913-833-149

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 CAGATAAACACA 1259  
||| |||||  
DB 2 CAGATAAACACA 14

RESULT 659  
US-08-488-214A-87  
Sequence 87, Application US/08488214A  
Patent No. 6124439  
GENERAL INFORMATION:  
APPLICANT: JEFFREY M. FRIEDMAN, YIVING ZHANG, RICARDO PROENCA,  
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURL  
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING  
TITLE OF INVENTION: (AS AMENDED)  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KLAUBER & JACKSON  
STREET: 411 HACKENSACK AVENUE  
CITY: HACKENSACK  
STATE: NEW JERSEY  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENTIN RELEASE #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,214A  
FILING DATE: JUNE 7, 1995

## CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/438,431

FILING DATE: May 10, 1995

## CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/347,563

FILING DATE: August 17, 1994

## CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

## CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 87:

## SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: Marker AFM206xcl

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

US-08-488-214A-87

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

969 AGGACATGTGGAA 981

3 AGGCCATGTGGAA 15

RESULT 660

US-08-488-208A-87

Sequence 87, Application US/08488208A

Patent No. 6124448

GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY

TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING

TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC

TITLE OF INVENTION: US96/03557

NUMBER OF SEQUENCES: 98

CORRESPONDENCE ADDRESS:

ADDRESSER: Klauber & Jackson

STREET: 411 Hackensack Avenue

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,208A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/485,943

FILING DATE: June 7, 1995

APPLICATION NUMBER: 08/438,431

FILING DATE: May 10, 1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/347,563

FILING DATE: No. 6124448ember 30, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 87:

## SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: Marker AFM206xcl

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

US-08-488-208A-87

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

969 AGGACATGTGGAA 981

3 AGGCCATGTGGAA 15

RESULT 661

US-08-913-441B-27/c

Sequence 27, Application US/08913441B

Patent No. 6162612

GENERAL INFORMATION:

APPLICANT: Giordano, Antonio

TITLE OF INVENTION: No. 6162612el Human Cyclin-Dependent Kinase-Like Proteins and

TITLE OF INVENTION: Methods of Using The Same

FILE REFERENCE: 8321-76 CII

CURRENT APPLICATION NUMBER: US/08/913,441B

CURRENT FILING DATE: 1997-12-02

PRIOR APPLICATION NUMBER: 08/403,634

PRIOR FILING DATE: 1995-03-14

PRIOR APPLICATION NUMBER: PCT/US96/03557

PRIOR FILING DATE: 1996-03-14

NUMBER OF SEQ ID NOS: 31

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 27

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-08-913-441B-27

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1337 GTCGTGTCATTCG 1349  
Db 15 GTCGTGTCATTCG 3

RESULT 662  
US-08-483-211A-87  
; Sequence 87, Application US/08483211A  
; Patent No. 6309853  
; GENERAL INFORMATION:  
; APPLICANT: THE ROCKEFELLER UNIVERSITY  
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC  
; TITLE OF INVENTION: USES THEREOF  
; NUMBER OF SEQUENCES: 98  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/483,211A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/485,943  
; FILING DATE: June 7, 1995  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: No. 6309853ember 30, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/292,345  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 87:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: Marker AFM206xc1  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Human  
US-08-483-211A-87

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 AGGCATGTGGAA 981  
Db 15 GTCGTGTCATTCG 3

Db 3 AGGCATGTGGAA 15

RESULT 663  
US-09-303-029A-2/c  
; Sequence 2, Application US/09303029A  
; Patent No. 6322980  
; GENERAL INFORMATION:  
; APPLICANT: SINGH, Sharat  
; TITLE OF INVENTION: SINGLE NUCLEOTIDE DETECTION USING DEGRADATION OF A FLUORESCENT  
; FILE REFERENCE: ACBI.033.00US  
; CURRENT APPLICATION NUMBER: US/09/303,029A  
; CURRENT FILING DATE: 1999-04-30  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 2  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: artificial sequence based on human genome  
US-09-303-029A-2

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1407 CAGCCAAAACCTCC 1419  
Db 16 CAGCCAAAACCTCC 4

RESULT 664  
US-09-580-794C-149  
; Sequence 149, Application US/09580794C  
; Patent No. 6331389  
; GENERAL INFORMATION:  
; APPLICANT: Stuyver, Lieven  
; APPLICANT: Louwagie, Joost  
; APPLICANT: Rossau, Rudi  
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE  
; TITLE OF INVENTION: TRANSCRIPTASE GENE  
; FILE REFERENCE: INNS008-2  
; CURRENT APPLICATION NUMBER: US/09/580,794C  
; CURRENT FILING DATE: 2000-05-30  
; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093  
; PRIOR FILING DATE: 1997-09-15  
; PRIOR APPLICATION NUMBER: PCT/EP 97/00211  
; PRIOR FILING DATE: 1997-01-17  
; PRIOR APPLICATION NUMBER: EP 96870005.4  
; PRIOR FILING DATE: 1996-01-26  
; PRIOR APPLICATION NUMBER: EP 96870081.5  
; PRIOR FILING DATE: 1996-06-25  
; NUMBER OF SEQ ID NOS: 164  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 149  
; LENGTH: 16  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-149

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 CAGATAAACACCA 1259  
Db 2 CAGATAAACACCA 14

IS-08-488-223A-87

Sequence 87, Application US/08488223A

Patent No. 6350730

## GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY

TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC

ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

NUMBER OF SEQUENCES: 98

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber &amp; Jackson

STREET: 411 Hackensack Avenue

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,223A

FILING DATE: 07-Jun-1995

CLASSIFICATION: &lt;Unknown&gt;

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/485,943

FILING DATE: &lt;Unknown&gt;

APPLICATION NUMBER: 08/347,563

FILING DATE: NO. 6350730ember 30, 1994

APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP2I

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 87:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: Marker AFM206xcl

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

SEQUENCE DESCRIPTION: SEQ ID NO: 87:

S-08-488-223A-87

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Patent No. 6429290

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 969 AGGACATGTGGAA 981

b 3 AGGCCATGTGGAA 15

RESULT 666

IS-08-438-431A-87

Sequence 87, Application US/08438431A

Patent No. 6429290

## GENERAL INFORMATION:

APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,

TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR

NUMBER OF SEQUENCES: 99

CORRESPONDENCE ADDRESS:

ADDRESSEE: Klauber &amp; Jackson

STREET: 411 Hackensack Avenue

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/438,431A

FILING DATE: May 10, 1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/347,563

FILING DATE: NO. 6429290ember 30, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/292,345

FILING DATE: August 17, 1994

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-087 CIP1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684

TELEX: 133521

INFORMATION FOR SEQ ID NO: 87:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (primer)

DESCRIPTION: Marker AFM206xcl

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Human

US-08-438-431A-87

Query Match

Best Local Similarity 0.9%; Score 11.4; DB 1; Length 16;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy 969 AGGACATGTGGAA 981

Db 3 AGGCCATGTGGAA 15

RESULT 667

US-08-535-249-17/c

Sequence 17, Application US/08535249

Patent No. 6455689

## GENERAL INFORMATION:

APPLICANT: Schlingensiepen, Georg-Ferdinand

APPLICANT: Brysch, Wolfgang

APPLICANT: Schlingensiepen, Karl-Hermann

APPLICANT: Schlingensiepen, Reimar

APPLICANT: Bogdahn, Ulrich

TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of

NUMBER OF SEQUENCES: 137

TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta (

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jacobson, Price, Holman &amp; Stern

STREET: 400 Seventh St. N.W.

CITY: Washington D.C.

COUNTRY: U.S.A.

ZIP: 20004

COMPUTER READABLE FORM:



MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/535,249  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 089.0  
FILING DATE: 30-APR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 93 107 849.7  
FILING DATE: 13-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Player, William E.  
REGISTRATION NUMBER: 31,409  
REFERENCE/DOCKET NUMBER: 10577/P58418  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 638-6666  
TELEFAX: (202) 393-5350  
TELEX: RCA 248593 IDEA UR  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
ANTI-SENSE: YES  
US-08-535-249-17

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 456 CTTCAACACTTCA 468  
DB 16 CTTCAACACTCA 4

RESULT 668  
US-08-488-225A-87  
Sequence 87, Application US/08488225A  
Patent No. 6471956  
GENERAL INFORMATION:  
APPLICANT: THE ROCKEFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,225A  
FILING DATE: June 7, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/483,211  
FILING DATE: June 7, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6471956member 30, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 87:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: Marker AFM206xc1  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE: Human  
ORGANISM: Human  
US-08-488-225A-87

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 AGGCATCTGGAA 981  
DB 3 AGGCATCTGGAA 15

RESULT 669  
US-09-199-269-46/c  
Sequence 46, Application US/09199269  
Patent No. 6503533  
GENERAL INFORMATION:  
APPLICANT: KORBA, Brent E.  
TITLE OF INVENTION: Antisense Oligonucleotides Against  
Hepatitis B Viral Replication  
NUMBER OF SEQUENCES: 56  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W.  
CITY: Washington, D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/199,269  
FILING DATE: 25-No. 6503533-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/281,106  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 66683/112/GEUN  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 202 672 5300  
TELEFAX: 202 672 5399  
TELEX: 904136

## INFORMATION FOR SEQ ID NO: 46:

SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

## ANTI-SENSE: YES

SEQUENCE DESCRIPTION: SEQ ID NO: 46:  
3-09-199-269-46

Query Match 0.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 4.3e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 895 CTGTGCTTGGTT 907

|||||  
14 CTGTGCTTGGGT 2

## RESULT 670

S-09-602-586-2/c

Sequence 2, Application US/09602586

Patent No. 6514700

## GENERAL INFORMATION:

APPLICANT: Singh, Sharat

TITLE OF INVENTION: Nucleic Acid Detection Using

TITLE OF INVENTION: Degradation of a Tagged Sequence

FILE REFERENCE: 50225-8033-US02

CURRENT APPLICATION NUMBER: US/09/602,586

CURRENT FILING DATE: 2000-06-21

PRIOR APPLICATION NUMBER: US 09/561,579

PRIOR FILING DATE: 2000-04-28

PRIOR APPLICATION NUMBER: US 09/303,029

PRIOR FILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 55

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 2

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

## FEATURE:

OTHER INFORMATION: primer

S-09-602-586-2

Query Match 0.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 4.3e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 1407 CAGCCAAACTCC 1419

|||||  
16 CAGCCAACTCC 4

## RESULT 671

S-09-371-772B-5689/c

Sequence 5689, Application US/09371772B

Patent No. 6566127

## GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 5689

; LENGTH: 16

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-5689

## Query Match

Best Local Similarity 92.3%; Score 11.4; DB 1; Length 16;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TCACAGTGATGTT 965

|||||  
14 TCACAGTGATGTT 2

## RESULT 672

US-09-371-772B-5928/c

Sequence 5928, Application US/09371772B

Patent No. 6566127

## GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

PRIOR FILING DATE: 1996-01-08

NUMBER OF SEQ ID NOS: 14225

SOFTWARE: Patent in version 3.0

SEQ ID NO 5928

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-09-371-772B-5928

## Query Match

Best Local Similarity 92.3%; Score 11.4; DB 1; Length 16;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1394 AGCACTATTAAAA 1406

|||||  
13 AGCACTATTAAAA 1

## RESULT 673

US-09-371-772B-5976/c

Sequence 5976, Application US/09371772B

Patent No. 6566127

## GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MEH00.876-J (237/198)

CURRENT APPLICATION NUMBER: US/09/371,772B

CURRENT FILING DATE: 1999-08-10

PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26

PRIOR APPLICATION NUMBER: US 08/584,040

;; PRIOR FILING DATE: 1996-01-08  
;; NUMBER OF SEQ ID NOS: 14225  
;; SOFTWARE: Patent in version 3.0  
;; SEQ ID NO 5976  
;; LENGTH: 16  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
JS-09-371-772B-5976

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2y 1498 GACTGCATTITTA 1510  
db 16 GACTGCATTITCA 4

RESULT 674  
JS-09-371-772B-6014  
; Sequence 6014, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MREH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1996-01-08  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 6014  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6014

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 38.5%; Pred. No. 4.3e+02;  
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1542 TCTTTTATGTC 1554  
db 2 UGUUCUUAUGUC 14

RESULT 675  
PCT-US96-10984-36/c  
; Sequence 36, Application PC/TUS9610984  
; GENERAL INFORMATION:  
; APPLICANT: Kevin Anderson and Lex Cowsett  
; TITLE OF INVENTION: Antisense Inhibition of Hepatitis B  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: Jane Massey Licata, Esq.  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb  
; MEDIUM TYPE: STORAGE  
; COMPUTER: IBM 486

;; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
;; SOFTWARE: WORDPERFECT 5.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/US96/10984  
;; FILING DATE: herewith  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA: none  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Jane Massey Licata  
;; REGISTRATION NUMBER: 32,257  
;; REFERENCE/DOCKET NUMBER: ISPH-0128  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (609) 779-2400  
;; TELEFAX: (609) 779-8488  
;; INFORMATION FOR SEQ ID NO: 36:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 16 nucleotides  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: YES  
PCT-US96-10984-36

Query Match 0.9%; Score 11.4; DB 1; Length 16;  
Best Local Similarity 92.3%; Pred. No. 4.3e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 895 CTGTGCTTGGTT 907  
db 15 CTGTGCTTGGGT 3

RESULT 676  
US-08-584-040-2785/c  
; Sequence 2785, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2785:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

3-08-584-040-2785

Query Match 0.9%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 522 TAAATTGAATT 534  
|||||  
b 16 TAAATTGAGTT 4

RESULT 677  
S-09-371-772B-1309/c  
Sequence 1309, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH800.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 1309  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens

S-09-371-772B-1309

Query Match 0.9%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 522 TAAATTGAATT 534  
|||||  
b 16 TAAATTGAGTT 4

RESULT 678  
S-09-371-772B-5584/c  
Sequence 5584, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH800.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974

PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5584  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5584

Query Match 0.9%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 522 TAAATTGAATT 534  
|||||  
b 17 TAAATTGAGTT 5

RESULT 679  
US-08-584-040-7962/c  
Sequence 7962, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
INFORMATION FOR SEQ ID NO: 7962:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7962

Query Match

0.9%; Score 11.4; DB 1; Length 17;

Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2Y 1587 TCGAATATATAA 1599  
13 TCGATATATAA 1

RESULT 680  
US-09-371-772B-3745/c  
Sequence 3745, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MBH00,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371.772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 3745  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-3745

Query Match 0.9%; Score 11.4; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 4.9e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1587 TCGAATATATAA 1599  
13 TCGATATATAA 1

US-09-488-744A-83  
Sequence 83, Application US/09488744A  
Patent No. 6287860  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: William Gaarde  
APPLICANT: Donna T. Ward  
APPLICANT: Susan M. Freier  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION  
FILE REFERENCE: RTS-0108  
CURRENT APPLICATION NUMBER: US/09/488,744A  
CURRENT FILING DATE: 2000-01-20  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 83  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-488-744A-83

Query Match 0.9%; Score 11.4; DB 1; Length 20;  
Best Local Similarity 92.3%; Pred. No. 6.4e+02;  
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 410 TATCCAGAGATCA 422  
11 |||||

Db 6 TAACCAAGATCA 18

RESULT 682  
US-08-242-402-7/c  
Sequence 7, Application US/08242402  
Patent No. 5580967  
GENERAL INFORMATION:  
APPLICANT: JOYCE, GERALD F  
TITLE OF INVENTION: OPTIMIZED CATALYTIC DNA-CLEAVING  
TITLE OF INVENTION: RIBOZYMES  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE, OFFICE OF  
ADDRESSEE: PATENT COUNSEL  
STREET: 10666 NORTH TORREY PINES ROAD, TPC 8  
CITY: LA JOLLA  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/242,402  
FILING DATE: 13-MAY-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LOGAN, APRIL C  
REGISTRATION NUMBER: 33,950  
REFERENCE/DOCKET NUMBER: TSRI 412.0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-242-402-7

Query Match 0.9%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.7e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1589 GAATATATAAGTAAA 1604  
16 GAATATATAATAAA 1

Db

RESULT 683  
US-08-682-423-22/c  
Sequence 22, Application US/08682423  
Patent No. 6063566  
GENERAL INFORMATION:  
APPLICANT: JOYCE, Gerald F.  
TITLE OF INVENTION: NOVEL CATALYTIC RNA MOLECULES  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: The Scripps Research Institute, Office of  
ADDRESSEE: Patent Counsel  
STREET: 10666 No. 6063566th Torrey Pines Road, TPC-8  
CITY: La Jolla  
STATE: California  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/682,423  
FILING DATE: 17-JUL-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/242,402  
FILING DATE: 13-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/270,180  
FILING DATE: 01-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Logan, April C.  
REGISTRATION NUMBER: 33,950  
REFERENCE/DOCKET NUMBER: TSRI 412.2  
TELEPHONE: 619-554-2937  
TELEFAX: 619-554-6312  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-682-423-22

Query Match 0.9%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.7e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAA 1604  
Db ||||| |||||

RESULT 684  
PCT-US95-05141-22/c  
Sequence 22, Application PC/TUS9505141  
GENERAL INFORMATION:  
TITLE OF INVENTION: NOVEL ENZYMATIC RNA MOLECULES  
NUMBER OF SEQUENCES: 29  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/05141  
FILING DATE: 26-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/242,402  
FILING DATE: 13-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/270,180  
FILING DATE: 01-JUL-1994  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-05141-22

Query Match 0.9%; Score 11.2; DB 1; Length 16;  
Best Local Similarity 81.2%; Pred. No. 4.7e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1589 GAAATATAAAGTAAA 1604  
Db ||||| |||||

Db 16 GAAATAAATAAATAAA 1

RESULT 685  
US-08-146-421-9/c  
Sequence 9, Application US/08146421  
Patent No. 5543499  
GENERAL INFORMATION:  
APPLICANT: BREWER, GARY  
TITLE OF INVENTION: DNA SEQUENCE ENCODING A POLYPEPTIDE WITH ANTI-TUMOR PROPERTIES  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DILWORTH & BARRESE  
STREET: 4350 LA JOLLA VILLAGE DRIVE, SUITE 300  
CITY: SAN DIEGO  
STATE: CALIFORNIA  
COUNTRY: U.S.A.  
ZIP: 92122  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/146,421  
FILING DATE: 29-OCT-1993  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: PEPPER PH.D., FREDERICK W.  
REGISTRATION NUMBER: 31,286  
REFERENCE/DOCKET NUMBER: 489-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4410  
TELEFAX: 619-453-2839  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: mRNA  
US-08-146-421-9

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1590 AAATATAAAGTAAAT 1605  
Db ||||| |||||

RESULT 686  
US-08-584-040-1838/c  
Sequence 1838, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles

STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1838:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1838

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 CTTTCATGTATGTGTG 479  
DB 16 CTTTCATGTATTTGTG 1

RESULT 687  
US-08-584-040-7532/c  
Sequence 7532, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7532:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7532

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 CTTTCATGTATGTGTG 479  
DB 16 CTTTCATGTATTTGTG 1

RESULT 688  
US-09-371-772B-383/c  
Sequence 383, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
Related to Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MHH00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 383  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-383

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 464 CTTTCATGTATGTGTG 479  
DB 16 CTTTCATGTATTTGTG 1

RESULT 689  
US-08-373-124A-960  
Sequence 960, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TREATMENT OF RESTENOSIS AND  
 CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 960:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-373-124A-960

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 43.8%; Pred. No. 5.3e+02;  
 Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

y 1256 AACAAATAATTTTAA 1271  
 ||||| : : : :  
 b 2 AAGAAAGUUUUA 17

RESULT 690

US-08-373-124A-2149/C  
 Sequence 2149, Application US/08373124A  
 Patent No. 5646042

GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwigen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TREATMENT OF RESTENOSIS AND  
 CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700

CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2149:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

US-08-373-124A-2149

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 615 TACAAAAACACACAAA 630  
 ||||| : : : :  
 Db 16 TATAAAAAATAAAAA 1

RESULT 691

US-08-435-628-960  
 Sequence 960, Application US/08435628  
 Patent No. 5817796

GENERAL INFORMATION:  
 APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwigen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TREATMENT OF RESTENOSIS AND  
 CANCER USING RIBOZYMES  
 NUMBER OF SEQUENCES: 2627

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0



SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA: US/08/435.628  
APPLICATION NUMBER: 08/435.628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373.124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245.466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192.943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987.132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936.422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 960:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-960

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 43.8%; Pred. No. 5.3e+02;  
Matches 7; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 1256 AACAAATATTTTTA 1271  
DB 2 AACAAAGUUUUUA 17

RESULT 692  
US-08-435-628-2149/c  
Sequence 2149, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435.628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373.124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245.466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192.943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987.132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936.422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2149:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2149

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 TACAAAAAACACAAA 630  
DB 16 TATAAATAAAAAA 1

RESULT 693  
US-08-292-620A-1845/c  
Sequence 1845, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/008.895

FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 208/149  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1845:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

S-08-292-620A-1845

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1501 TGCATTTTAAATACA 1516  
 |||||  
 b 17 TGAATTAATAAATACA 2

RESULT 694

S-08-292-620A-1989/c  
 Sequence 1989, Application US/08292620A  
 Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm  
 APPLICANT: Dan T. Stinchcomb  
 APPLICANT: James McSwigen  
 APPLICANT: Sean Sullivan  
 APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 TITLE OF INVENTION: DISEASES OR CONDITIONS  
 TITLE OF INVENTION: RELATED TO LEVELS OF  
 TITLE OF INVENTION: INTRACELLULAR ADHESION  
 TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 NUMBER OF SEQUENCES: 2390

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/292,620A  
 FILING DATE: August 17, 1994  
 CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

two

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 1989:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-292-620A-1989

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1501 TGCATTTTAAATACA 1516  
 |||||  
 Db 17 TGAATTAATAAATACA 2

RESULT 695

US-08-534-454-1/c

Sequence 1, Application US/08534454

Patent No. 5849486

GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; O'Connell, James P.; Juncosa, Robert D.; Sosno

TITLE OF INVENTION: APPARATUS AND METHODS FOR ACTIVE

TITLE OF INVENTION: PROGRAMMABLE MATRIX DEVICES

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM compatible

OPERATING SYSTEM: WINDOWS (VERSION 3.0)

SOFTWARE: WordPerfect (Version 6.0)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/534,454

FILING DATE: September 27, 1995

CLASSIFICATION: 422

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/304,657

FILING DATE: September 9, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Murphy, David B.

REGISTRATION NUMBER: 31,125

REFERENCE/DOCKET NUMBER: 216/054

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEFAX: 67-3510

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 17

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-534-454-1

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
 Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
 Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1522 TTATATTTTAACTTT 1537  
 |||||  
 Db 16 TTATATTTTAAATTT 1

RESULT 696  
US-08-855-058-1/c  
; Sequence 1, Application US/08855058A  
; Patent No. 6048690  
; GENERAL INFORMATION:  
; APPLICANT: Heller, Michael J.  
; APPLICANT: Tu, Eugene  
; APPLICANT: Sosnowski, Ronald G.  
; APPLICANT: O'Connell, James P.  
; TITLE OF INVENTION: METHODS FOR ELECTRONIC FLUORESCENT PERTURBATION FOR  
; TITLE OF INVENTION: ANALYSIS AND ELECTRONIC PERTURBATION CATALYSIS FOR  
; TITLE OF INVENTION: SYNTHESIS  
; FILE REFERENCE: DAVID B. MURPHY; Nanogen 224/175  
; CURRENT APPLICATION NUMBER: US/08/855,058A  
; CURRENT FILING DATE: 1997-05-14  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthesized  
; OTHER INFORMATION: probe  
US-08-855-058-1

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 TTATATTTTAACTTT 1537  
DB 16 TTATATTTTAAATTT 1

RESULT 697  
US-09-071-845-1845/c  
; Sequence 1845, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994

APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1845:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-1845

Query Match 0.9%; Score 11.2; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.3e+02;  
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1501 TGCATTTTTAAATACA 1516  
DB 17 TGAATTATTAATACA 2

RESULT 698  
US-09-071-845-1989/c  
; Sequence 1989, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327

## REFERENCE/DOCKET NUMBER: 208/149

## TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1989:

## SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

3-09-071-845-1989

## Query Match

Best Local Similarity 0.9%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

1501 TCGATTTTAAATACA 1516

17 TCGATTTTAAATACA 2

## RESULT 699

3-09-141-286-1/c

Sequence 1, Application US/09141286

Patent No. 6245508

## GENERAL INFORMATION:

APPLICANT: Heller, Michael J.; O'Connell, James P.; Juncosa,

APPLICANT: Robert D.; Sosnowski, Ronald G.; Jackson, Thomas

APPLICANT: R.

TITLE OF INVENTION: METHOD FOR FINGERPRINTING UTILIZING

TITLE OF INVENTION: AN ELECTRONICALLY ADDRESSABLE ARRAY

TITLE OF INVENTION: (as amended)

NUMBER OF SEQUENCES: 2

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon &amp; Lyon LLP

STREET: 633 West Fifth Street

CITY: Los Angeles

STATE: California

COUNTRY: USA

ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM compatible

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: Word 97

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/141-286

FILING DATE: August 27, 1998

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/534,454

FILING DATE: September 27, 1995

## ATTORNEY/AGENT INFORMATION:

NAME: Murphy, David B.

REGISTRATION NUMBER: 31,125

REFERENCE/DOCKET NUMBER: 225/167

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

INFORMATION FOR SEQ ID NO: 1:

## SEQUENCE CHARACTERISTICS:

LENGTH: 17

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

3-09-141-286-1

## Query Match

Best Local Similarity 0.9%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1522 TTATATTTTAACTTT 1537

Db 16 TTATATTTTAAATTT 1

## RESULT 700

US-09-300-958A-63

Sequence 63, Application US/09300958A

Patent No. 6495319

## GENERAL INFORMATION:

APPLICANT: McClelland, Michael

APPLICANT: Welsh, John

APPLICANT: Treukle, Thomas

TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of

TITLE OF INVENTION: Using Same

FILE REFERENCE: P-PH 3457

CURRENT APPLICATION NUMBER: US/09/300,958A

PRIOR FILING DATE: 1999-04-27

PRIOR APPLICATION NUMBER: 60/083,331

PRIOR FILING DATE: 1998-04-27

PRIOR APPLICATION NUMBER: 60/098,070

PRIOR FILING DATE: 1998-08-27

PRIOR APPLICATION NUMBER: 60/118,624

PRIOR FILING DATE: 1999-02-04

NUMBER OF SEQ ID NOS: 85

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 63

LENGTH: 17

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-300-958A-63

## Query Match

Best Local Similarity 0.9%; Score 11.2; DB 1; Length 17;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1562 ATTTTCTTCTGTTT 1577

Db 1 ATTTTCTTCTTCTT 16

## RESULT 701

US-09-474-922A-81

Sequence 81, Application US/09474922A

Patent No. 6187586

## GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Lex M. Cowsett

APPLICANT: Richard A. Roth

TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION

FILE REFERENCE: RTS-0036

CURRENT APPLICATION NUMBER: US/09/474,922A

CURRENT FILING DATE: 1999-12-29

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 81

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-474-922A-81

## Query Match

Best Local Similarity 0.9%; Score 11.2; DB 1; Length 18;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1555 TCTCAATTTTCTTTT 1570

Db 3 TCTCAATTTTCTTTT 18

RESULT 702  
US-08-373-124A-972  
Sequence 972, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 972:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-972  
Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 27.3%; Pred. No. 5.9e+02;  
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;  
QY 1522 TTATATTTT 1532  
Db 7 UUAUUAUUUA 17  
RESULT 703  
US-08-373-124A-2053  
Sequence 2053, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2053:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2053  
Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 27.3%; Pred. No. 5.9e+02;  
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;  
QY 1522 TTATATTTT 1532  
Db 7 UUAUUAUUUA 17  
RESULT 704  
US-08-435-628-972  
Sequence 972, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street

STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 972:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-628-972

S-08-435-628-972

Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 27.3%; Pred. No. 5.9e+02;  
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

y 1522 TTATATTTTT 1532

b 7 UUAUUUUUUA 17

ESULT 705

S-08-435-628-2053

Sequence 2053, Application US/08435628

Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 972:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-628-972

S-08-435-628-972

Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 27.3%; Pred. No. 5.9e+02;  
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

y 1522 TTATATTTTT 1532

b 7 UUAUUUUUUA 17

ESULT 705

S-08-435-628-2053

Sequence 2053, Application US/08435628

Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 972:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-628-972

S-08-435-628-972

Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 27.3%; Pred. No. 5.9e+02;  
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

y 1522 TTATATTTTT 1532

b 7 UUAUUUUUUA 17

ESULT 705

S-08-435-628-2053

Sequence 2053, Application US/08435628

Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422

FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/035

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 972:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-435-628-972

S-08-435-628-972

Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 27.3%; Pred. No. 5.9e+02;  
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

y 1522 TTATATTTTT 1532

b 7 UUAUUUUUUA 17

ESULT 705

S-08-435-628-2053

Sequence 2053, Application US/08435628

Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Draper, Kenneth

APPLICANT: McSwiggen, James

APPLICANT: Jarvis, Thale

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

TITLE OF INVENTION: CANCER USING RIBOZYMES

NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

CITY: Suite 4700

STATE: Los Angeles

COUNTRY: California

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628

FILING DATE: 05-MAY-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124

FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 974:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-974

Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 27.3%; Pred. No. 5.9e+02;  
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

Y 1522 TTATATTTTA 1532  
Db 5 UUAUUUUUA 15

RESULT 707  
US-08-373-124A-2055  
Sequence 2055, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2055:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2055

Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 27.3%; Pred. No. 5.9e+02;  
Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1522 TTATATTTTA 1532  
Db 5 UUAUUUUUA 15

RESULT 708  
US-08-435-628-974  
Sequence 974, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 974:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear

1-08-435-628-974

Query Match 0.9%; Score 11; DB 1; Length 17;  
 Best Local Similarity 27.3%; Pred. NO. 5.9e+02;  
 Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

1 1522 TTATATTTTA 1532  
 :||:||||:  
 5 UUAUUAUUUUUA 15

RESULT 709

1-08-435-628-2055  
 Sequence 2055 Application US/08435628  
 Patent No. 5817796

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Draper, Kenneth  
 APPLICANT: McSwiggen, James  
 APPLICANT: Jarvis, Thale  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
 TREATMENT OF RESTENOSIS AND  
 TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
 NUMBER OF SEQUENCES: 2627  
 CORRESPONDENCE ADDRESS:  
 ADDRESS: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/435,628  
 FILING DATE: 05-MAY-1995  
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/373,124  
 FILING DATE: January 13, 1995  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2055:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-435-628-2055

Query Match 0.9%; Score 11; DB 1; Length 17;  
 Best Local Similarity 27.3%; Pred. NO. 5.9e+02;  
 Matches 3; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 1522 TTATATTTTA 1532  
 :||:||||:  
 Db 5 UUAUUAUUUUUA 15

RESULT 710

US-09-306-420C-2/c  
 Sequence 2 Application US/09306420C  
 Patent No. 6555311

GENERAL INFORMATION:

APPLICANT: LOCARNINI, STEPHEN A  
 APPLICANT: BARTHOLOMEUSZ, ANGELINE I  
 APPLICANT: AYE, THEIN T  
 APPLICANT: DEMAN, ROBERT A  
 TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME  
 FILE REFERENCE: 2551-28  
 CURRENT APPLICATION NUMBER: US/09/306,420C  
 CURRENT FILING DATE: 1999-05-06  
 PRIOR APPLICATION NUMBER: PCT/AU97/00520  
 PRIOR FILING DATE: 1997-08-15  
 PRIOR APPLICATION NUMBER: P03519  
 PRIOR FILING DATE: 1996-11-08  
 NUMBER OF SEQ ID NOS: 57  
 SOFTWARE: Patent in ver. 2.0  
 SEQ ID NO 2  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Hepatitis B virus

US-09-306-420C-2

Query Match 0.9%; Score 11; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. NO. 5.9e+02;  
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1081 AAGAATTGGA 1091  
 :||:||||:  
 Db 13 AAGAATTGGA 3

RESULT 711

US-09-306-420C-4/c

Sequence 4 Application US/09306420C  
 Patent No. 6555311

GENERAL INFORMATION:

APPLICANT: LOCARNINI, STEPHEN A  
 APPLICANT: BARTHOLOMEUSZ, ANGELINE I  
 APPLICANT: AYE, THEIN T  
 APPLICANT: DEMAN, ROBERT A  
 TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME  
 FILE REFERENCE: 2551-28  
 CURRENT APPLICATION NUMBER: US/09/306,420C  
 CURRENT FILING DATE: 1999-05-06  
 PRIOR APPLICATION NUMBER: PCT/AU97/00520  
 PRIOR FILING DATE: 1997-08-15  
 PRIOR APPLICATION NUMBER: P03519  
 PRIOR FILING DATE: 1996-11-08  
 NUMBER OF SEQ ID NOS: 57  
 SOFTWARE: Patent in ver. 2.0  
 SEQ ID NO 4  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Hepatitis B virus

US-09-306-420C-4



Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. NO. 5.9e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1081 AAGAAATTGGA 1091  
13 AAGAAATTGGA 3

RESULT 712  
US-09-468-265-20/c  
Sequence 20, Application US/09468265  
Patent No. 6379928  
GENERAL INFORMATION:  
APPLICANT: Berka, Randy M  
APPLICANT: Cullen, Daniel  
APPLICANT: Gray, Gregory L  
APPLICANT: Hayenga, Kirk J  
APPLICANT: Lawlis, Virgil B  
TITLE OF INVENTION: Heterologous Polypeptides Expressed in Filamentous Fungi, Process  
TITLE OF INVENTION: Making Same and Vectors for Making Same  
FILE REFERENCE: A-42909-5  
CURRENT APPLICATION NUMBER: US/09/468,265  
CURRENT FILING DATE: 1999-12-10  
PRIOR APPLICATION NUMBER: 08/484,384  
PRIOR FILING DATE: 1995-06-07  
PRIOR APPLICATION NUMBER: 08/284,942  
PRIOR FILING DATE: 1994-08-02  
PRIOR APPLICATION NUMBER: 07/413,010  
PRIOR FILING DATE: 1989-09-25  
PRIOR APPLICATION NUMBER: 07/163,219  
PRIOR FILING DATE: 1988-02-26  
PRIOR APPLICATION NUMBER: 06/882,224  
PRIOR FILING DATE: 1986-07-07  
PRIOR APPLICATION NUMBER: 06/771,374  
PRIOR FILING DATE: 1985-08-29  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 20  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: synthetic oligonucleotide probes

US-09-468-265-20

Query Match 0.9%; Score 11; DB 1; Length 17;  
Best Local Similarity 69.2%; Pred. NO. 5.9e+02;  
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1047 TTTATGTTATAT 1059  
17 TTTATGTTATAT 5

RESULT 713  
US-09-468-894-11  
Sequence 11, Application US/09046894  
Patent No. 6190857  
GENERAL INFORMATION:  
APPLICANT: Ralph, David  
APPLICANT: An, Gang  
APPLICANT: O'Hara, Mark S.  
APPLICANT: Velti, Robert  
TITLE OF INVENTION: DIAGNOSIS OF DISEASE STATE USING mRNA  
TITLE OF INVENTION: PROFILES IN PERIPHERAL LEUKOCYTES  
NUMBER OF SEQUENCES: 55  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas

COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/09/046,894  
APPLICATION NUMBER: US/09/046,894  
FILING DATE: Concurrently Herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA: US 60/041,576  
FILING DATE: 24-MAR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Nakashima, Richard A.  
REGISTRATION NUMBER: P-42,023  
REFERENCE/DOCKET NUMBER: UROC:014  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (512) 474-7577  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-046-894-11

Query Match 0.9%; Score 11; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. NO. 7.4e+02;  
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 850 TGGCAACCCCTA 860  
1 TGGCAACCCCTA 11

RESULT 714  
US-09-496-694B-240/c  
Sequence 240, Application US/09496694B  
Patent No. 6335194  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Eric E. Swayze  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
FILE REFERENCE: ISPH-0439  
CURRENT APPLICATION NUMBER: US/09/496,694B  
CURRENT FILING DATE: 2000-02-02  
PRIOR APPLICATION NUMBER: 09/286,407  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 09/163,162  
PRIOR FILING DATE: 1998-09-29  
NUMBER OF SEQ ID NOS: 249  
SEQ ID NO 240  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

US-09-496-694B-240

Query Match 0.9%; Score 11; DB 1; Length 20;  
Best Local Similarity 73.7%; Pred. NO. 7.4e+02;  
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1250 ATAAACACAAATAATTTT 1268  
19 ATAAACAAATATATTTT 1

RESULT 715  
 S-09-021-701-865  
 Sequence 865, Application US/09021701  
 Patent No. 6251588  
 GENERAL INFORMATION:  
 APPLICANT: Shannon, Karen W.  
 APPLICANT: Wolber, Paul K.  
 APPLICANT: Delenstarr, Glenda C.  
 APPLICANT: Webb, Peter G.  
 APPLICANT: Kincaid, Robert H.  
 TITLE OF INVENTION: Methods for evaluating oligonucleotide  
 TITLE OF INVENTION: probe sequences  
 NUMBER OF SEQUENCES: 1165  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Records Manager, Hewlett-Packard Company M/S 20  
 STREET: 3000 Hanover Street  
 CITY: Palo Alto  
 STATE: CA  
 COUNTRY: USA  
 ZIP: 94304  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/021,701  
 FILING DATE: 10-FEB-1998  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Choi, Wendy A.  
 REGISTRATION NUMBER: 36,697  
 REFERENCE/DOCKET NUMBER: 10971464-1  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 650-236-2386  
 TELEFAX: 650-852-8063  
 INFORMATION FOR SEQ ID NO: 865:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 20 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cdna  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO  
 S-09-021-701-865  
 Query Match 0.9%; Score 11; DB 1; Length 20;  
 Best Local Similarity 73.7%; Pred. No. 7.4e-02;  
 Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;  
 Y 518 TGGTTAAATTCGATTTCA 536  
 b 2 TGGGAAATTTAAAGTCA 20  
 RESULT 716  
 S-08-311-486C-189/c  
 Sequence 189, Application US/08311486C  
 Patent No. 5811300  
 GENERAL INFORMATION:  
 APPLICANT: Sean Sullivan  
 APPLICANT: Kenneth Draper  
 APPLICANT: Kevin Kisich  
 APPLICANT: Dan T. Stinchcomb  
 APPLICANT: James McSwiggen  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 TITLE OF INVENTION: DISEASES OR CONDITIONS  
 TITLE OF INVENTION: RELATED TO LEVELS OF  
 TITLE OF INVENTION: TNF-  
 NUMBER OF SEQUENCES: 1157  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

STREET: 633 West Fifth Street  
 STREET: Suite 4700  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/311,486C  
 FILING DATE: September 23, 1994  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 PRIOR APPLICATION DATA: including application  
 PRIOR APPLICATION DATA: described below:  
 APPLICATION NUMBER: 08/008,895  
 FILING DATE: January 19, 1993  
 APPLICATION NUMBER: 07/989,849  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard J.  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/166  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 189:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 15 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-311-486C-189  
 Query Match 0.9%; Score 10.8; DB 1; Length 15;  
 Best Local Similarity 85.7%; Pred. No. 5e+02;  
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1250 ATAAACAACAATA 1263  
 DB 14 ATAAATAATAATA 1  
 RESULT 717  
 US-08-311-486C-197/c  
 Sequence 197, Application US/08311486C  
 Patent No. 5811300  
 GENERAL INFORMATION:  
 APPLICANT: Sean Sullivan  
 APPLICANT: Kenneth Draper  
 APPLICANT: Kevin Kisich  
 APPLICANT: Dan T. Stinchcomb  
 APPLICANT: James McSwiggen  
 TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 TITLE OF INVENTION: DISEASES OR CONDITIONS  
 TITLE OF INVENTION: RELATED TO LEVELS OF  
 TITLE OF INVENTION: TNF-  
 NUMBER OF SEQUENCES: 1157  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071-2066  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

two

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 197:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-197

Query Match 0.9%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 2;

QY 1250 ATAAACAAACAAATA 1263  
DB 14 ATAAATAATAAATA 1

RESULT 718  
US-08-311-486C-706/c  
Sequence 706, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435

two

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 706:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-706

Query Match 0.9%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 2;

QY 1250 ATAAACAAACAAATA 1263  
DB 14 ATAAATAATAAATA 1

RESULT 719  
US-08-311-486C-707/c  
Sequence 707, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:

two

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 707:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

S-08-311-486C-707

Query Match 0.9%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 5e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1250 ATAAACACAAATA 1263  
||||| |||||  
14 ATAAATAATAATA 1

RESULT 720

S-08-311-486C-708/c  
Sequence 708, Application US/08311486C  
Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 708:

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-311-486C-708

Query Match 0.9%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 85.7%; Pred. No. 5e+02;  
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

1250 ATAAACACAAATA 1263  
||||| |||||  
14 ATAAATAATAATA 1

RESULT 721

US-08-311-486C-196/c  
Sequence 196, Application US/08311486C  
Patent No. 5811300

GENERAL INFORMATION:

APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisich  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage

COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311,486C  
FILING DATE: September 23, 1994

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 196:

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-311-486C-196

Query Match 0.9%; Score 10.8; DB 1; Length 15;

two

two

Best Local Similarity 85.7%; Pred. No. 5e+02;  
Matches 12; Conservative 0; Mismatches

2y 1251 TAAACAACAATAA 1264  
||| ||| ||| |||  
db 15 TAAATAATAAATAA 2

RESULT 722  
JS-08-311-486C-720/c  
Sequence 720, Application US/08311486C

GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF- $\alpha$   
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311.486C  
FILING DATE: September 23, 1994

CLASSIFICATION: 435  
PRIOR APPLICATION DATA: include  
PRIOR APPLICATION DATA: describe  
PRIOR APPLICATION NUMBER: 08/008, 19  
FILING DATE: January 19, 1998  
APPLICATION NUMBER: 07/989, 19  
FILING DATE: December 7, 1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/POCKET NUMBER: 20  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 720:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-720

QY 1251 TAAACAACAATAA 1264  
|||||  
Db 15 TAAATAATAATAA 2

**RESULT 723**

US-08-585-684B-893  
; Sequence 893, Application US/08585684B  
; Patent No. 5877021

1 GENERAL INFORMATION:  
2 APPLICANT: Stinchcomb, Daniel T.  
3 APPLICANT: Jarvis, Thale  
4 APPLICANT: McSwigen, James  
5 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
6 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
7 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
8 NUMBER OF SEQUENCES: 2751  
9 CORRESPONDENCE ADDRESS:  
10

```

ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,6843
FILING DATE: January 16, 1996

```

PRIOR APPLICATION DATA: 60/000,995  
APPLICATION NUMBER: 60/000,995  
FILING DATE: JULY 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Waiburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 211  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 893:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-893

Qy 1153 TTAGATATTAAAT 1166  
:  
Db 1 TTAUAAAUAUUAAAU 14

RESTIT. 724

US-09-038-073-893  
; Sequence 893, Application US/09038073  
; Patent No. 6194150

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## RESULT 729

S-08-311-486C-240/c

Sequence 240, Application US/08311486C

Patent No. 5811300

## GENERAL INFORMATION:

APPLICANT: Sean Sullivan

APPLICANT: Kenneth Draper

APPLICANT: Kevin Kisich

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: TNF-

NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon &amp; Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/311,486C

FILING DATE: September 23, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application

PRIOR APPLICATION DATA: described below;

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 209/166

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 240:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

S-08-311-486C-240

## Query Match

Best Local Similarity 0.9%; Score 10.8; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y

1258 CAAATAATTITTTA 1271

b

15 CAGATAATATTTA 2

## RESULT 730

S-08-832-021-41/c

Sequence 41, Application US/08832021

Patent No. 6045998

## GENERAL INFORMATION:

APPLICANT: Combates, N.

APPLICANT: Pardinas, J.  
APPLICANT: Parimoo, S.  
APPLICANT: Prouty, K.  
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY  
FILE REFERENCE: JBP-382  
CURRENT APPLICATION NUMBER: US/08/832,021  
CURRENT FILING DATE: 1997-04-02  
NUMBER OF SEQ ID NOS: 64  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 41  
LENGTH: 15  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer

US-08-832-021-41

## Query Match

Best Local Similarity 0.9%; Score 10.8; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy

613 TCTACAAACAA 626

Db

15 TCTACAAACAA 2

## RESULT 731

US-08-585-684B-894

Sequence 894, Application US/08585684B

Patent No. 5877021

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Daniel T.

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon &amp; Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: FastSeq Version 1.5

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/585,684B

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 894:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear



JS-08-585-684B-894

Query Match 0.9%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 50.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;  
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1155 TAGATATTAAATGA 1168  
:|:|:|:|:|:  
DB 1 UAAAUUUAUAA 14

RESULT 732

JS-09-038-073-894

Sequence 894, Application US/09038073  
Patent No. 6194150

GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 894:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-038-073-894

Query Match 0.9%; Score 10.8; DB 1; Length 15;  
Best Local Similarity 50.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;  
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1155 TAGATATTAAATGA 1168  
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DB 1 UAAAUUUAUAA 14

Search completed: December 18, 2003, 07:23:51  
Job time : 13 secs

GenCore version 5.1.6  
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M nucleic - nucleic search, using sw model

un on: December 18, 2003, 07:26:41 ; Search time 10 seconds  
(without alignments)

3.086 Million cell updates/sec

title: us-09-960-143-3

effect score: 1249

sequence: 1 aaaaattctctctgtgtg.....atataattgtgtcaagt 1249

coring table: IDENTITY\_NUC

Gapop 10.0 ; Gapext 0.5

searched: 699 seqs, 12352 residues

total number of hits satisfying chosen parameters: 1398

minimum DB seq length: 8

maximum DB seq length: 50

post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 736 summaries

atabase : rnpb.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

# SUMMARIES

result No.	Score	Query Match	length	ID	Description
C 1	46	3.7	47	1	US-09-864-636A-1146
C 2	46	3.7	47	1	US-10-084-839-1146
C 3	41	3.3	42	1	US-09-864-636A-1138
C 4	41	3.3	42	1	US-10-084-839-1138
C 5	36	2.9	37	1	US-09-864-636A-1147
C 6	36	2.9	37	1	US-10-084-839-1147
C 7	36	2.9	37	1	US-09-864-636A-1148
C 8	36	2.9	37	1	US-10-084-839-1148
C 9	34	2.7	35	1	US-09-864-636A-1130
C 10	34	2.7	35	1	US-09-864-636A-1153
C 11	34	2.7	35	1	US-09-864-636A-1158
C 12	34	2.7	35	1	US-09-864-636A-1163
C 13	34	2.7	35	1	US-10-084-839-1130
C 14	34	2.7	35	1	US-10-084-839-1153
C 15	34	2.7	35	1	US-10-084-839-1158
C 16	34	2.7	35	1	US-10-084-839-1163
C 17	31	2.5	32	1	US-09-864-636A-1139
C 18	31	2.5	32	1	US-09-864-636A-1140
C 19	31	2.5	32	1	US-10-084-839-1139
C 20	31	2.5	32	1	US-10-084-839-1140
C 21	30	2.4	30	1	US-09-882-945A-305
C 22	25	2.0	25	1	US-09-885-441-31
C 23	24	1.9	24	1	US-09-875-408-72
C 24	24	1.9	24	1	US-09-864-636A-1159
C 25	24	1.9	24	1	US-10-084-839-1159
C 26	24	1.9	24	1	US-10-075-579-72
C 27	23	1.8	23	1	US-09-864-636A-1154
C 28	23	1.8	23	1	US-10-084-839-1154
C 29	22	1.8	22	1	US-09-864-636A-1131
C 30	22	1.8	22	1	US-10-084-839-1131
C 31	22	1.8	22	1	US-09-864-636A-1164
C 32	22	1.8	22	1	US-10-084-839-1164
C 33	21	1.7	21	1	US-09-882-945A-310

1	US-09-882-945A-312	21	1.7	34	Sequence 312, App
1	US-09-882-945A-309	20	1.6	35	Sequence 309, App
1	US-10-305-810-47	20	1.6	36	Sequence 47, Appl
26	1	20	1.6	37	Sequence 1132, Ap
26	1	20	1.6	38	Sequence 1132, Ap
28	1	20	1.6	39	Sequence 1133, Ap
28	1	20	1.6	40	Sequence 1165, Ap
28	1	20	1.6	41	Sequence 1133, Ap
28	1	20	1.6	42	Sequence 1165, Ap
28	1	20	1.6	43	Sequence 1165, Ap
28	1	20	1.6	44	Sequence 147, App
24	1	19.8	1.5	45	Sequence 30, Appl
24	1	19.2	1.5	46	Sequence 4, Appl
27	1	19	1.5	47	Sequence 781, Appl
22	1	18.8	1.5	48	Sequence 68164, A
25	1	17.6	1.4	49	Sequence 754, App
19	1	17.4	1.4	50	Sequence 3, Appl
21	1	17.4	1.4	51	Sequence 1144, Ap
24	1	17.4	1.4	52	Sequence 1144, Ap
24	1	17.4	1.4	53	Sequence 308, App
17	1	16.8	1.3	54	Sequence 65, Appl
20	1	16.8	1.3	55	Sequence 122, App
20	1	16.4	1.3	56	Sequence 694, App
18	1	16.4	1.3	57	Sequence 966, App
22	1	16.4	1.3	58	Sequence 15, Appl
23	1	16.2	1.3	59	Sequence 146, App
20	1	15.8	1.3	60	Sequence 35, Appl
17	1	15.4	1.2	61	Sequence 4, Appl
17	1	15.4	1.2	62	Sequence 1672, Ap
18	1	15.4	1.2	63	Sequence 759, App
18	1	15.4	1.2	64	Sequence 196, App
18	1	15.4	1.2	65	Sequence 43, Appl
20	1	15.4	1.2	66	Sequence 17, Appl
47	1	15.4	1.2	67	Sequence 1146, Ap
21	1	15.2	1.2	68	Sequence 1146, Ap
21	1	15.2	1.2	69	Sequence 21, Appl
21	1	15.2	1.2	70	Sequence 53, Appl
21	1	15.2	1.2	71	Sequence 501, App
15	1	15	1.2	72	Sequence 311, App
17	1	15	1.2	73	Sequence 7600, App
17	1	15	1.2	74	Sequence 7601, App
17	1	15	1.2	75	Sequence 7602, App
21	1	15	1.2	76	Sequence 1134, Ap
21	1	15	1.2	77	Sequence 1134, Ap
20	1	14.8	1.2	78	Sequence 239, App
20	1	14.8	1.2	79	Sequence 68, Appl
20	1	14.8	1.2	80	Sequence 68, Appl
20	1	14.8	1.2	81	Sequence 240, App
20	1	14.8	1.2	82	Sequence 240, App
20	1	14.8	1.2	83	Sequence 33, Appl
20	1	14.8	1.2	84	Sequence 68, Appl
20	1	14.8	1.2	85	Sequence 54, Appl
20	1	14.8	1.2	86	Sequence 27, Appl
20	1	14.8	1.2	87	Sequence 239, App
21	1	14.8	1.2	88	Sequence 307, App
21	1	14.8	1.2	89	Sequence 530, App
16	1	14.4	1.2	90	Sequence 720, App
16	1	14.4	1.2	91	Sequence 786, App
16	1	14.4	1.2	92	Sequence 821, App
16	1	14.4	1.2	93	Sequence 361, App
16	1	14.4	1.2	94	Sequence 362, App
16	1	14.4	1.2	95	Sequence 18, Appl
17	1	14.4	1.2	96	Sequence 127, App
17	1	14.4	1.2	97	Sequence 1671, Ap
17	1	14.4	1.2	98	Sequence 1671, Ap
17	1	14.4	1.2	99	Sequence 7038, Ap
18	1	14.4	1.2	100	Sequence 4515, Ap
19	1	14.4	1.2	101	Sequence 2073, Ap
19	1	14.2	1.1	102	Sequence 186, App
19	1	14.2	1.1	103	Sequence 511, App
19	1	14.2	1.1	104	Sequence 8, Appl
19	1	14.2	1.1	105	Sequence 53, Appl
20	1	14.2	1.1	106	Sequence 54, Appl

c 107	14.2	1.1	20	1	US-09-780-172-56	Sequence 56, Appl	c 180	13	1.0	13	1	US-09-263-959-520	Sequence 520, App
c 108	14.2	1.1	20	1	US-09-865-866-108	Sequence 108, App	c 181	13	1.0	14	1	US-09-263-959-567	Sequence 567, App
c 109	14.2	1.1	20	1	US-09-784-674-864	Sequence 864, App	c 182	13	1.0	15	1	US-10-044-674-53	Sequence 53, Appl
c 110	14.2	1.1	20	1	US-09-784-674-865	Sequence 865, App	c 183	13	1.0	15	1	US-10-357-488-33	Sequence 33, Appl
c 111	14.2	1.1	20	1	US-09-784-674-866	Sequence 866, App	c 184	13	1.0	15	1	US-10-001-835-27	Sequence 27, Appl
c 112	14.2	1.1	20	1	US-09-784-674-867	Sequence 867, App	c 185	13	1.0	15	1	US-09-263-959-472	Sequence 472, App
c 113	14.2	1.1	20	1	US-09-906-158-147	Sequence 870, App	c 186	13	1.0	17	1	US-09-866-108-7598	Sequence 7598, App
c 114	14.2	1.1	20	1	US-10-159-834-29	Sequence 29, Appl	c 187	13	1.0	17	1	US-09-866-108-7604	Sequence 7604, App
c 115	14.2	1.1	20	1	US-10-024-396-76	Sequence 47, Appl	c 188	13	1.0	17	1	US-09-730-2898-614	Sequence 614, App
c 116	14.2	1.1	20	1	US-10-044-423-1	Sequence 76, Appl	c 189	13	1.0	17	1	US-09-818-875-1774	Sequence 1774, App
c 117	14.2	1.1	20	1	US-09-843-377-81	Sequence 81, Appl	c 190	13	1.0	17	1	US-09-818-875-1775	Sequence 1775, App
c 118	14.2	1.1	20	1	US-10-016-149-84	Sequence 84, Appl	c 191	13	1.0	17	1	US-09-818-875-1778	Sequence 1778, App
c 119	14	1.1	20	1	US-09-263-959-856	Sequence 84, Appl	c 192	13	1.0	17	1	US-09-818-875-1779	Sequence 1779, App
c 120	14	1.1	14	1	US-09-263-959-857	Sequence 85, Appl	c 193	13	1.0	17	1	US-09-818-875-1780	Sequence 1780, App
c 121	14	1.1	15	1	US-09-263-959-858	Sequence 86, Appl	c 194	13	1.0	17	1	US-09-818-875-1781	Sequence 1781, App
c 122	14	1.1	15	1	US-09-263-959-859	Sequence 87, Appl	c 195	13	1.0	17	1	US-09-818-875-1782	Sequence 1782, App
c 123	14	1.1	17	1	US-09-866-108-7599	Sequence 7599, App	c 196	13	1.0	17	1	US-09-818-875-1783	Sequence 1783, App
c 124	14	1.1	17	1	US-09-866-108-7603	Sequence 7603, App	c 197	13	1.0	17	1	US-09-818-875-1784	Sequence 1784, App
c 125	14	1.1	17	1	US-09-848-754A-714	Sequence 714, App	c 198	13	1.0	17	1	US-09-848-754A-1816	Sequence 1816, App
c 126	14	1.1	17	1	US-09-848-754A-3038	Sequence 3038, App	c 199	13	1.0	17	1	US-09-848-754A-3748	Sequence 3748, App
c 127	14	1.1	19	1	US-09-263-959-630	Sequence 630, App	c 200	13	1.0	17	1	US-10-166-325A-28	Sequence 28, Appl
c 128	14	1.1	19	1	US-09-263-959-856	Sequence 856, App	c 201	13	1.0	17	1	US-10-209-787-1774	Sequence 1774, App
c 129	14	1.1	19	1	US-09-263-959-963	Sequence 963, App	c 202	13	1.0	17	1	US-10-209-787-1775	Sequence 1775, App
c 130	13.8	1.1	28	1	US-10-085-906-147	Sequence 147, App	c 203	13	1.0	17	1	US-10-209-787-1776	Sequence 1776, App
c 131	13.8	1.1	17	1	US-09-263-959-750	Sequence 750, App	c 204	13	1.0	18	1	US-09-851-501-29	Sequence 29, Appl
c 132	13.8	1.1	17	1	US-09-730-289B-126	Sequence 126, App	c 205	13	1.0	18	1	US-10-142-722-29	Sequence 29, Appl
c 133	13.8	1.1	17	1	US-09-730-289B-842	Sequence 842, App	c 206	13	1.0	20	1	US-09-972-469-17	Sequence 17, Appl
c 134	13.8	1.1	17	1	US-09-730-289B-956	Sequence 956, App	c 207	13	1.0	20	1	US-09-882-945A-305	Sequence 305, App
c 135	13.8	1.1	17	1	US-10-238-700-1167	Sequence 1167, App	c 208	12.8	1.0	16	1	US-09-823-847-35	Sequence 35, Appl
c 136	13.8	1.1	17	1	US-10-105-481-23	Sequence 23, Appl	c 209	12.8	1.0	16	1	US-09-823-847-35	Sequence 35, Appl
c 137	13.8	1.1	19	1	US-09-263-959-945	Sequence 945, App	c 210	12.8	1.0	16	1	US-10-182-330-187	Sequence 187, App
c 138	13.8	1.1	19	1	US-09-263-959-945	Sequence 945, App	c 211	12.8	1.0	16	1	US-10-287-919-2269	Sequence 2269, App
c 139	13.8	1.1	19	1	US-10-027-632-176756	Sequence 176756, App	c 212	12.8	1.0	16	1	US-10-287-919-2308	Sequence 2308, App
c 140	13.6	1.1	21	1	US-10-085-906-501	Sequence 501, App	c 213	12.8	1.0	17	1	US-09-730-2898-125	Sequence 125, App
c 141	13.4	1.1	15	1	US-09-263-959-622	Sequence 622, App	c 214	12.8	1.0	17	1	US-09-730-2898-169	Sequence 169, App
c 142	13.4	1.1	15	1	US-09-263-959-627	Sequence 627, App	c 215	12.8	1.0	17	1	US-09-730-2898-170	Sequence 170, App
c 143	13.4	1.1	15	1	US-09-263-959-650	Sequence 650, App	c 216	12.8	1.0	17	1	US-09-730-2898-177	Sequence 177, App
c 144	13.4	1.1	15	1	US-09-263-959-763	Sequence 763, App	c 217	12.8	1.0	17	1	US-09-730-2898-178	Sequence 178, App
c 145	13.4	1.1	15	1	US-09-263-959-933	Sequence 933, App	c 218	12.8	1.0	17	1	US-09-818-875-759	Sequence 759, App
c 146	13.4	1.1	15	1	US-09-842-347-13	Sequence 13, Appl	c 219	12.8	1.0	17	1	US-09-818-875-760	Sequence 760, App
c 147	13.4	1.1	17	1	US-09-836-712-4	Sequence 4, Appl	c 220	12.8	1.0	17	1	US-09-818-875-760	Sequence 760, App
c 148	13.4	1.1	17	1	US-09-848-754A-1181	Sequence 1181, App	c 221	12.8	1.0	17	1	US-09-818-875-1459	Sequence 1459, App
c 149	13.4	1.1	17	1	US-09-848-754A-3292	Sequence 3292, App	c 222	12.8	1.0	17	1	US-09-818-875-1460	Sequence 1460, App
c 150	13.4	1.1	17	1	US-09-848-754A-3293	Sequence 3293, App	c 223	12.8	1.0	17	1	US-09-780-533A-430	Sequence 430, App
c 151	13.4	1.1	17	1	US-09-930-423-226	Sequence 226, App	c 224	12.8	1.0	17	1	US-09-780-533A-457	Sequence 457, App
c 152	13.4	1.1	17	1	US-09-930-423-897	Sequence 897, App	c 225	12.8	1.0	17	1	US-09-780-533A-1316	Sequence 1316, App
c 153	13.4	1.1	17	1	US-09-930-423-1100	Sequence 1100, App	c 226	12.8	1.0	17	1	US-09-780-533A-1612	Sequence 1612, App
c 154	13.4	1.1	17	1	US-09-745-237A-226	Sequence 226, App	c 227	12.8	1.0	17	1	US-09-780-533A-2193	Sequence 2193, App
c 155	13.4	1.1	17	1	US-09-745-237A-897	Sequence 897, App	c 228	12.8	1.0	17	1	US-09-877-478-45	Sequence 45, Appl
c 156	13.4	1.1	17	1	US-09-745-237A-1100	Sequence 1100, App	c 229	12.8	1.0	17	1	US-09-877-478-720	Sequence 720, App
c 157	13.4	1.1	17	1	US-10-238-700-1268	Sequence 1268, App	c 230	12.8	1.0	17	1	US-09-877-478-1643	Sequence 1643, App
c 158	13.4	1.1	17	1	US-10-238-700-3635	Sequence 3635, App	c 231	12.8	1.0	17	1	US-09-877-478-2041	Sequence 2041, App
c 159	13.4	1.1	17	1	US-10-338-777-139	Sequence 139, App	c 232	12.8	1.0	17	1	US-09-877-478-2385	Sequence 2385, App
c 160	13.4	1.1	17	1	US-10-060-756A-1670	Sequence 1670, App	c 233	12.8	1.0	17	1	US-09-740-332-1258	Sequence 1258, App
c 161	13.4	1.1	17	1	US-10-060-756A-1674	Sequence 1674, App	c 234	12.8	1.0	17	1	US-09-740-332-3297	Sequence 3297, App
c 162	13.4	1.1	17	1	US-10-156-306-5017	Sequence 5017, App	c 235	12.8	1.0	17	1	US-10-238-700-320	Sequence 320, App
c 163	13.4	1.1	18	1	US-09-774-414-22	Sequence 22, Appl	c 236	12.8	1.0	17	1	US-10-238-700-377	Sequence 377, App
c 164	13.4	1.1	19	1	US-10-251-117-640	Sequence 640, App	c 237	12.8	1.0	17	1	US-10-238-700-583	Sequence 583, App
c 165	13.4	1.1	19	1	US-10-251-117-947	Sequence 947, App	c 238	12.8	1.0	17	1	US-10-238-700-566	Sequence 566, App
c 166	13.2	1.1	18	1	US-09-994-311-6	Sequence 6, Appl	c 239	12.8	1.0	17	1	US-10-238-700-845	Sequence 845, App
c 167	13.2	1.1	18	1	US-10-297-068-166	Sequence 166, App	c 240	12.8	1.0	17	1	US-10-238-700-1166	Sequence 1166, App
c 168	13.2	1.1	18	1	US-10-168-771-81	Sequence 81, Appl	c 241	12.8	1.0	17	1	US-10-238-700-1210	Sequence 1210, App
c 169	13.2	1.1	18	1	US-10-310-294-57	Sequence 57, Appl	c 242	12.8	1.0	17	1	US-10-238-700-1261	Sequence 1261, App
c 170	13.2	1.1	18	1	US-10-169-519A-22	Sequence 22, Appl	c 243	12.8	1.0	17	1	US-10-238-700-1267	Sequence 1267, App
c 171	13.2	1.1	18	1	US-10-043-875-9	Sequence 9, Appl	c 244	12.8	1.0	17	1	US-10-238-700-1315	Sequence 1315, App
c 172	13.2	1.1	18	1	US-10-146-575-15	Sequence 15, Appl	c 245	12.8	1.0	17	1	US-10-238-700-3054	Sequence 3054, App
c 173	13.2	1.1	18	1	US-10-146-575-29	Sequence 29, Appl	c 246	12.8	1.0	17	1	US-10-061-201-862	Sequence 862, App
c 174	13.2	1.1	37	1	US-09-864-636A-1147	Sequence 1147, App	c 247	12.8	1.0	17	1	US-10-061-201-863	Sequence 863, App
c 175	13.2	1.1	37	1	US-09-864-636A-1148	Sequence 1148, App	c 248	12.8	1.0	17	1	US-10-339-782-311	Sequence 311, App
c 176	13.2	1.1	37	1	US-10-084-839-1147	Sequence 1147, App	c 249	12.8	1.0	17	1	US-09-817-879-1258	Sequence 1258, App
c 177	13.2	1.1	37	1	US-10-084-839-1148	Sequence 1148, App	c 250	12.8	1.0	17	1	US-09-817-879-3297	Sequence 3297, App
c 178	13.2	1.1	42	1	US-09-864-636A-1138	Sequence 1138, App	c 251	12.8	1.0	17	1	US-10-339-793-192	Sequence 192, App
c 179	13.2	1.1	42	1	US-10-084-839-1138	Sequence 1138, App	c 252	12.8	1.0	17	1	US-10-338-777-275	Sequence 275, App
												US-10-209-787-759	Sequence 759, App

253	1.0	12.8	1.0	17	1	US-10-209-787-760	Sequence 760, App	326	12.4	1.0	17	1	US-10-209-787-583	Sequence 583, App
254	1.0	12.8	1.0	17	1	US-10-209-787-1459	Sequence 1459, App	327	12.4	1.0	17	1	US-10-209-787-584	Sequence 584, App
255	1.0	12.8	1.0	17	1	US-10-209-787-1460	Sequence 1460, App	328	12.4	1.0	17	1	US-10-209-787-3054	Sequence 3054, App
256	1.0	12.8	1.0	17	1	US-10-060-756A-1929	Sequence 1929, App	329	12.4	1.0	17	1	US-10-209-787-3055	Sequence 3055, App
257	1.0	12.8	1.0	17	1	US-10-060-756A-1931	Sequence 1931, App	330	12.4	1.0	17	1	US-10-060-756A-1669	Sequence 1669, App
258	1.0	12.8	1.0	17	1	US-10-060-756A-4322	Sequence 4322, App	331	12.4	1.0	17	1	US-10-060-756A-1675	Sequence 1675, App
259	1.0	12.8	1.0	17	1	US-10-060-756A-4323	Sequence 4323, App	332	12.4	1.0	17	1	US-10-060-756A-1927	Sequence 1927, App
260	1.0	12.8	1.0	17	1	US-10-287-919-616	Sequence 616, App	333	12.4	1.0	17	1	US-10-060-756A-1928	Sequence 1928, App
261	1.0	12.8	1.0	17	1	US-10-287-919-6240	Sequence 6240, App	334	12.4	1.0	17	1	US-10-156-306-468	Sequence 468, App
262	1.0	12.8	1.0	17	1	US-10-156-306-459	Sequence 459, App	335	12.4	1.0	17	1	US-10-156-306-469	Sequence 469, App
263	1.0	12.8	1.0	17	1	US-10-156-306-460	Sequence 460, App	336	12.4	1.0	17	1	US-10-156-306-470	Sequence 470, App
264	1.0	12.8	1.0	17	1	US-10-156-306-1283	Sequence 1283, App	337	12.4	1.0	17	1	US-10-156-306-471	Sequence 471, App
265	1.0	12.8	1.0	17	1	US-10-156-306-2702	Sequence 2702, App	338	12.4	1.0	17	1	US-10-156-306-7039	Sequence 7039, App
266	1.0	12.8	1.0	17	1	US-10-260-451-2	Sequence 2, Appl	339	12.4	1.0	22	1	US-09-263-959-781	Sequence 781, App
267	1.0	12.8	1.0	17	1	US-10-260-451-4	Sequence 4, Appl	340	12.2	1.0	17	1	US-09-730-289B-126	Sequence 126, App
268	1.0	12.8	1.0	17	1	US-09-969-373-2022	Sequence 2022, App	341	12.2	1.0	17	1	US-09-730-289B-178	Sequence 178, App
269	1.0	12.8	1.0	18	1	US-09-969-373-3651	Sequence 3651, App	342	12.2	1.0	17	1	US-10-156-306-460	Sequence 460, App
270	1.0	12.8	1.0	18	1	US-09-969-373-4320	Sequence 4320, App	343	12.2	1.0	17	1	US-09-768-436-9	Sequence 9, Appl
271	1.0	12.8	1.0	18	1	US-10-388-263-156	Sequence 156, App	344	12.2	1.0	17	1	US-09-866-108-387	Sequence 387, App
272	1.0	12.8	1.0	18	1	US-10-301-661A-35	Sequence 35, Appl	345	12.2	1.0	17	1	US-09-866-108-849	Sequence 849, App
273	1.0	12.8	1.0	18	1	US-10-301-661A-91	Sequence 91, Appl	346	12.2	1.0	17	1	US-09-866-108-6770	Sequence 6770, App
274	1.0	12.8	1.0	18	1	US-10-326-587-9	Sequence 9, Appl	347	12.2	1.0	17	1	US-09-866-108-7125	Sequence 7125, App
275	1.0	12.8	1.0	18	1	US-10-178-325-449	Sequence 149, App	348	12.2	1.0	17	1	US-09-866-108-7126	Sequence 7126, App
276	1.0	12.8	1.0	18	1	US-10-299-881-22	Sequence 22, Appl	349	12.2	1.0	17	1	US-09-866-108-9905	Sequence 9904, App
277	1.0	12.8	1.0	18	1	US-10-172-086-116	Sequence 116, App	350	12.2	1.0	17	1	US-09-866-108-9905	Sequence 9905, App
278	1.0	12.8	1.0	18	1	US-10-201-685-12	Sequence 12, Appl	351	12.2	1.0	17	1	US-09-866-108-10443	Sequence 10443, App
279	1.0	12.6	1.0	15	1	US-10-117-955B-5	Sequence 5, Appl	352	12.2	1.0	17	1	US-09-263-959-546	Sequence 546, App
280	1.0	12.6	1.0	17	1	US-10-105-481-20	Sequence 20, Appl	353	12.2	1.0	17	1	US-09-879-959-6	Sequence 6, Appl
281	1.0	12.4	1.0	14	1	US-08-980-088B-11	Sequence 11, Appl	354	12.2	1.0	17	1	US-09-945-317-15	Sequence 15, Appl
282	1.0	12.4	1.0	14	1	US-09-263-959-669	Sequence 669, App	355	12.2	1.0	17	1	US-09-945-316-15	Sequence 15, Appl
283	1.0	12.4	1.0	14	1	US-10-155-233-39	Sequence 39, Appl	356	12.2	1.0	17	1	US-09-872-482-83	Sequence 83, Appl
284	1.0	12.4	1.0	15	1	US-09-882-945A-330	Sequence 330, App	357	12.2	1.0	17	1	US-09-872-482-205	Sequence 205, App
285	1.0	12.4	1.0	15	1	US-10-440-850-406	Sequence 406, App	358	12.2	1.0	17	1	US-09-864-785-243	Sequence 243, App
286	1.0	12.4	1.0	15	1	US-10-440-850-836	Sequence 836, App	359	12.2	1.0	17	1	US-09-864-785-2964	Sequence 2964, App
287	1.0	12.4	1.0	15	1	US-10-287-919-591	Sequence 591, App	360	12.2	1.0	17	1	US-09-825-805-534	Sequence 534, App
288	1.0	12.4	1.0	15	1	US-10-287-919-553	Sequence 553, App	361	12.2	1.0	17	1	US-09-961-077-792	Sequence 792, App
289	1.0	12.4	1.0	15	1	US-10-287-919-187	Sequence 187, App	362	12.2	1.0	17	1	US-09-730-289B-164	Sequence 164, App
290	1.0	12.4	1.0	15	1	US-10-287-919-1863	Sequence 1863, App	363	12.2	1.0	17	1	US-09-730-289B-181	Sequence 181, App
291	1.0	12.4	1.0	15	1	US-10-287-919-1903	Sequence 1903, App	364	12.2	1.0	17	1	US-09-730-289B-223	Sequence 223, App
292	1.0	12.4	1.0	15	1	US-10-287-919-1939	Sequence 1939, App	365	12.2	1.0	17	1	US-09-730-289B-235	Sequence 235, App
293	1.0	12.4	1.0	15	1	US-10-287-919-1971	Sequence 1971, App	366	12.2	1.0	17	1	US-09-730-289B-282	Sequence 282, App
294	1.0	12.4	1.0	15	1	US-10-287-919-1971	Sequence 2415, App	367	12.2	1.0	17	1	US-09-730-289B-296	Sequence 296, App
295	1.0	12.4	1.0	15	1	US-10-287-919-2419	Sequence 2419, App	368	12.2	1.0	17	1	US-09-730-289B-581	Sequence 581, App
296	1.0	12.4	1.0	15	1	US-10-287-919-2419	Sequence 2826, App	369	12.2	1.0	17	1	US-09-730-289B-616	Sequence 616, App
297	1.0	12.4	1.0	15	1	US-09-827-998-196	Sequence 196, App	370	12.2	1.0	17	1	US-09-730-289B-692	Sequence 692, App
298	1.0	12.4	1.0	17	1	US-09-827-998-197	Sequence 197, App	371	12.2	1.0	17	1	US-09-730-289B-880	Sequence 880, App
299	1.0	12.4	1.0	17	1	US-09-827-998-198	Sequence 198, App	372	12.2	1.0	17	1	US-09-730-289B-880	Sequence 880, App
300	1.0	12.4	1.0	17	1	US-09-827-998-199	Sequence 199, App	373	12.2	1.0	17	1	US-09-730-289B-950	Sequence 950, App
301	1.0	12.4	1.0	17	1	US-09-263-959-744	Sequence 744, App	374	12.2	1.0	17	1	US-09-730-289B-954	Sequence 954, App
302	1.0	12.4	1.0	17	1	US-09-864-785-668	Sequence 668, App	375	12.2	1.0	17	1	US-09-730-289B-954	Sequence 954, App
303	1.0	12.4	1.0	17	1	US-09-864-785-2141	Sequence 2141, App	376	12.2	1.0	17	1	US-09-730-289B-958	Sequence 958, App
304	1.0	12.4	1.0	17	1	US-09-730-289B-176	Sequence 176, App	377	12.2	1.0	17	1	US-09-730-289B-970	Sequence 970, App
305	1.0	12.4	1.0	17	1	US-09-818-875-583	Sequence 583, App	378	12.2	1.0	17	1	US-09-730-289B-1033	Sequence 1033, App
306	1.0	12.4	1.0	17	1	US-09-818-875-584	Sequence 584, App	379	12.2	1.0	17	1	US-09-730-289B-1093	Sequence 1093, App
307	1.0	12.4	1.0	17	1	US-09-818-875-3054	Sequence 3054, App	380	12.2	1.0	17	1	US-09-730-289B-1120	Sequence 1120, App
308	1.0	12.4	1.0	17	1	US-09-818-875-3055	Sequence 3055, App	381	12.2	1.0	17	1	US-09-818-875-563	Sequence 563, App
309	1.0	12.4	1.0	17	1	US-09-780-533A-458	Sequence 458, App	382	12.2	1.0	17	1	US-09-818-875-564	Sequence 564, App
310	1.0	12.4	1.0	17	1	US-09-780-533A-1127	Sequence 1127, App	383	12.2	1.0	17	1	US-09-818-875-771	Sequence 771, App
311	1.0	12.4	1.0	17	1	US-09-780-533A-2182	Sequence 2182, App	384	12.2	1.0	17	1	US-09-818-875-772	Sequence 772, App
312	1.0	12.4	1.0	17	1	US-09-780-533A-2524	Sequence 2524, App	385	12.2	1.0	17	1	US-09-818-875-1723	Sequence 1723, App
313	1.0	12.4	1.0	17	1	US-09-780-533A-2556	Sequence 2556, App	386	12.2	1.0	17	1	US-09-818-875-1724	Sequence 1724, App
314	1.0	12.4	1.0	17	1	US-09-848-754A-198	Sequence 198, App	387	12.2	1.0	17	1	US-09-818-875-2158	Sequence 2158, App
315	1.0	12.4	1.0	17	1	US-09-776-474-297	Sequence 297, App	388	12.2	1.0	17	1	US-09-818-875-2159	Sequence 2159, App
316	1.0	12.4	1.0	17	1	US-09-776-474-298	Sequence 298, App	389	12.2	1.0	17	1	US-09-818-875-2438	Sequence 2438, App
317	1.0	12.4	1.0	17	1	US-09-776-474-299	Sequence 299, App	390	12.2	1.0	17	1	US-09-818-875-2439	Sequence 2439, App
318	1.0	12.4	1.0	17	1	US-09-740-332-1259	Sequence 1259, App	391	12.2	1.0	17	1	US-09-818-875-2442	Sequence 2442, App
319	1.0	12.4	1.0	17	1	US-09-792-818-289	Sequence 289, App	392	12.2	1.0	17	1	US-09-818-875-2443	Sequence 2443, App
320	1.0	12.4	1.0	17	1	US-09-792-818-289	Sequence 290, App	393	12.2	1.0	17	1	US-09-818-875-2538	Sequence 2538, App
321	1.0	12.4	1.0	17	1	US-10-238-700-319	Sequence 319, App	394	12.2	1.0	17	1	US-09-818-875-2539	Sequence 2539, App
322	1.0	12.4	1.0	17	1	US-10-238-700-1292	Sequence 1292, App	395	12.2	1.0	17	1	US-09-818-875-2542	Sequence 2542, App
323	1.0	12.4	1.0	17	1	US-09-817-879-1459	Sequence 1459, App	396	12.2	1.0	17	1	US-09-818-875-2543	Sequence 2543, App
324	1.0	12.4	1.0	17	1	US-10-340-192-29	Sequence 29, Appl	397	12.2	1.0	17	1	US-09-818-875-4186	Sequence 4186, App
325	1.0	12.4	1.0	17	1	US-10-091-281-263	Sequence 263, App	398	12.2	1.0	17	1	US-09-818-875-4187	Sequence 4187, App

399	12.2	1.0	17	1	US-09-780-533A-107	Sequence 107, App	C 472	12.2	1.0	17	1	US-10-061-201-865	Sequence 865, App
C 400	12.2	1.0	17	1	US-09-780-533A-459	Sequence 459, App	C 473	12.2	1.0	17	1	US-10-061-201-992	Sequence 992, App
C 401	12.2	1.0	17	1	US-09-780-533A-521	Sequence 521, App	C 474	12.2	1.0	17	1	US-10-061-201-1589	Sequence 1589, App
C 402	12.2	1.0	17	1	US-09-780-533A-598	Sequence 598, App	C 475	12.2	1.0	17	1	US-10-241-780-110	Sequence 110, App
C 403	12.2	1.0	17	1	US-09-780-533A-640	Sequence 640, App	C 476	12.2	1.0	17	1	US-10-339-782-148	Sequence 148, App
C 404	12.2	1.0	17	1	US-09-780-533A-662	Sequence 662, App	C 477	12.2	1.0	17	1	US-10-339-782-296	Sequence 296, App
C 405	12.2	1.0	17	1	US-09-780-533A-1012	Sequence 1012, App	C 478	12.2	1.0	17	1	US-09-817-879-55	Sequence 55, App
C 406	12.2	1.0	17	1	US-09-780-533A-1691	Sequence 1691, App	C 479	12.2	1.0	17	1	US-09-817-879-507	Sequence 507, App
C 407	12.2	1.0	17	1	US-09-780-533A-1862	Sequence 1862, App	C 480	12.2	1.0	17	1	US-10-305-765-18	Sequence 18, App
C 408	12.2	1.0	17	1	US-09-780-533A-2041	Sequence 2041, App	C 481	12.2	1.0	17	1	US-10-305-633-18	Sequence 18, App
C 409	12.2	1.0	17	1	US-09-780-533A-2250	Sequence 2250, App	C 482	12.2	1.0	17	1	US-10-210-006-1702	Sequence 1702, App
C 410	12.2	1.0	17	1	US-09-780-533A-2692	Sequence 2692, App	C 483	12.2	1.0	17	1	US-10-230-006-2243	Sequence 2243, App
C 411	12.2	1.0	17	1	US-09-877-478-219	Sequence 219, App	C 484	12.2	1.0	17	1	US-10-209-787-563	Sequence 563, App
C 412	12.2	1.0	17	1	US-09-877-478-509	Sequence 509, App	C 485	12.2	1.0	17	1	US-10-209-787-564	Sequence 564, App
C 413	12.2	1.0	17	1	US-09-877-478-721	Sequence 721, App	C 486	12.2	1.0	17	1	US-10-209-787-771	Sequence 771, App
C 414	12.2	1.0	17	1	US-09-877-478-1214	Sequence 1214, App	C 487	12.2	1.0	17	1	US-10-209-787-772	Sequence 772, App
C 415	12.2	1.0	17	1	US-09-877-478-1779	Sequence 1779, App	C 488	12.2	1.0	17	1	US-10-209-787-1723	Sequence 1723, App
C 416	12.2	1.0	17	1	US-09-877-478-1851	Sequence 1851, App	C 489	12.2	1.0	17	1	US-10-209-787-1724	Sequence 1724, App
C 417	12.2	1.0	17	1	US-09-877-478-1915	Sequence 1915, App	C 490	12.2	1.0	17	1	US-10-209-787-2158	Sequence 2158, App
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Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 702 GCCAAGAGAAATCCGAACTTTAAATTCAGGAATTGAATGG 742  
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#### RESULT 4

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APPLICANT: Bartholomay, Christian T.

APPLICANT: Chehak, Lukanne

APPLICANT: Curtis, Michelle L.

APPLICANT: Eis, Peggy S.

APPLICANT: Hall, Jeff G.

APPLICANT: Ip, Hon S.

APPLICANT: Ji, Lin

APPLICANT: Kaiser, Michael

APPLICANT: Kwiatkowski, Jr., Robert W.

APPLICANT: Lukowiak, Andrew A.

APPLICANT: Lyamichev, Victor

APPLICANT: Ma, WuPo

APPLICANT: Neri, Bruce P.

APPLICANT: Olson-Munoz, Marilyn C.

APPLICANT: Schaefer, James J.

APPLICANT: Skrzypczynski, Zbigniew

APPLICANT: Takova, Tsatska Y.

APPLICANT: Thompson, Lisa C.

APPLICANT: Vedvik, Kevin L.

FILE REFERENCE: FORS-06666

TITLE OF INVENTION: RNA Detection Assays

CURRENT APPLICATION NUMBER: US/10/084,839

CURRENT FILING DATE: 2002-02-26

NUMBER OF SEQ ID NOS: 4004

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1138

LENGTH: 42

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

S-10-084-839-1138

Query Match 3.3%; Score 41; DB 1; Length 42;  
Best Local Similarity 100.0%; Pred. No. 0.019;  
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 702 GCCAAGAGAAATCCGAACTTTAAATTCAGGAATTGAATGG 742  
b 41 GCCAAGAGAAATCCGAACTTTAAATTCAGGAATTGAATGG 1

#### RESULT 5

US-09-864-636A-1147/c  
Sequence 1147, Application US/09864636A  
Publication No. US20030104378A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chehak, Lukanne

TITLE OF INVENTION: Detection of RNA Sequences

FILE REFERENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1147

LENGTH: 37

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-09-864-636A-1147

Query Match 2.9%; Score 36; DB 1; Length 37;  
Best Local Similarity 100.0%; Pred. No. 0.12;  
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 AGAATATCCGAACTTTAAATTCAGGAATTGAATGG 743  
Db 36 AGAATATCCGAACTTTAAATTCAGGAATTGAATGG 1

#### RESULT 6

US-09-864-636A-1148/c  
Sequence 1148, Application US/09864636A  
Publication No. US20030104378A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chehak, Lukanne

TITLE OF INVENTION: Detection of RNA Sequences

FILE REFERENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1148

LENGTH: 37

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-09-864-636A-1148

Query Match 2.9%; Score 36; DB 1; Length 37;  
Best Local Similarity 100.0%; Pred. No. 0.12;  
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 AGAATATCCGAACTTTAAATTCAGGAATTGAATGG 743  
Db 36 AGAATATCCGAACTTTAAATTCAGGAATTGAATGG 1

#### RESULT 7

US-10-084-839-1147/c  
Sequence 1147, Application US/10084839  
Publication No. US20030186238A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allawi, Hatim

APPLICANT: Argue, Brad T.

APPLICANT: Bartholomay, Christian T.



```

; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1147
; LENGTH: 37
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-10-084-839-1147

Query Match      2.9%; Score 36; DB 1; Length 37;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 AGAATATCCGAACCTTTAATTTTCAGGAATTCGAATGGG 743
DB 36 AGAATATCCGAACCTTTAATTTTCAGGAATTCGAATGGG 1

RESULT 9
US-09-864-636A-1130/c
; Sequence 1130, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1130
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-864-636A-1130

Query Match      2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAGCAAAATCTACTTCAACACT 1

RESULT 10
US-09-864-636A-1153/c
; Sequence 1153, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1153
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; US-10-084-839-1148/c
; Sequence 1148, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1147
; LENGTH: 37
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-10-084-839-1147

Query Match      2.9%; Score 36; DB 1; Length 37;
Best Local Similarity 100.0%; Pred. No. 0.12;
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 708 AGAATATCCGAACCTTTAATTTTCAGGAATTCGAATGGG 743
DB 36 AGAATATCCGAACCTTTAATTTTCAGGAATTCGAATGGG 1

RESULT 8
US-10-084-839-1148/c
; Sequence 1148, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1147
; LENGTH: 37
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-10-084-839-1148
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## FEATURE:

OTHER INFORMATION: Synthetic

S-09-864-636A-1153

Query Match 2.7%; Score 34; DB 1; Length 35;  
 Best Local Similarity 100.0%; Pred. No. 0.24;  
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465  
 |||||

b 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1  
 |||||

## RESULT 11

S-09-864-636A-1159/c

Sequence 1158, Application US/09864636A

Publication No. US20030104378A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allwai, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chehak, LuAnne

TITLE OF INVENTION: Detection of RNA Sequences

FILE REFERENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1158

LENGTH: 35

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

S-09-864-636A-1158

Query Match 2.7%; Score 34; DB 1; Length 35;  
 Best Local Similarity 100.0%; Pred. No. 0.24;  
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465  
 |||||

b 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1  
 |||||

## RESULT 12

S-09-864-636A-1163/c

Sequence 1163, Application US/09864636A

Publication No. US20030104378A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allwai, Hatim

APPLICANT: Bartholomay, Christian

APPLICANT: Chehak, LuAnne

TITLE OF INVENTION: Detection of RNA Sequences

FILE REFERENCE: FORS-04944

CURRENT APPLICATION NUMBER: US/09/864,636A

CURRENT FILING DATE: 2002-10-15

NUMBER OF SEQ ID NOS: 2640

SOFTWARE: PatentIn version 3.0

SEQ ID NO 1163

LENGTH: 35

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

S-09-864-636A-1163

Query Match 2.7%; Score 34; DB 1; Length 35;  
 Best Local Similarity 100.0%; Pred. No. 0.24;  
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465  
 |||||

Db 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1  
 |||||

## RESULT 13

US-10-084-839-1130/c

Sequence 1130, Application US/10084839

Publication No. US20030186238A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allwai, Hatim

APPLICANT: Argue, Brad T.

APPLICANT: Bartholomay, Christian T.

APPLICANT: Chehak, LuAnne

APPLICANT: Curtis, Michelle L.

APPLICANT: Eis, Peggy S.

APPLICANT: Hall, Jeff G.

APPLICANT: Ip, Hon S.

APPLICANT: Ji, Lin

APPLICANT: Kaiser, Michael

APPLICANT: Kwiatkowski, Jr., Robert W.

APPLICANT: Lukowiak, Andrew A.

APPLICANT: Lyamichiev, Victor

APPLICANT: Lymaicheva, Natalie E.

APPLICANT: Ma, WUPO

APPLICANT: Neri, Bruce P.

APPLICANT: Olson, Sarah M.

APPLICANT: Olson-Munoz, Marilyn C.

APPLICANT: Schaefer, James J.

APPLICANT: Skrzypczynski, Zbigniew

APPLICANT: Takova, Tsetska Y.

APPLICANT: Thompson, Lisa C.

APPLICANT: Vedvik, Kevin L.

TITLE OF INVENTION: RNA Detection Assays

FILE REFERENCE: FORS-06666

CURRENT APPLICATION NUMBER: US/10/084,839

CURRENT FILING DATE: 2002-02-26

NUMBER OF SEQ ID NOS: 4004

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1130

LENGTH: 35

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-10-084-839-1130

Query Match 2.7%; Score 34; DB 1; Length 35;  
 Best Local Similarity 100.0%; Pred. No. 0.24;  
 Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465  
 |||||

Db 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1  
 |||||

## RESULT 14

US-10-084-839-1153/c

Sequence 1153, Application US/10084839

Publication No. US20030186238A1

GENERAL INFORMATION:

APPLICANT: Third Wave Technologies

APPLICANT: Allwai, Hatim

APPLICANT: Argue, Brad T.

APPLICANT: Bartholomay, Christian T.

APPLICANT: Chehak, LuAnne

APPLICANT: Curtis, Michelle L.

APPLICANT: Eis, Peggy S.

APPLICANT: Hall, Jeff G.

APPLICANT: Ip, Hon S.

APPLICANT: Ji, Lin

APPLICANT: Kaiser, Michael

APPLICANT: Kwiatkowski, Jr., Robert W.

```
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor.
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; APPLICANT: Thompson, Lisa C.
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1153
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1153

Query Match          2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1

RESULT 15
US-10-084-839-1158/c
; Sequence 1158, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1153
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1153

Query Match          2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1158

Query Match          2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1

RESULT 16
US-10-084-839-1163/c
; Sequence 1163, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tssetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1163
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1163

Query Match          2.7%; Score 34; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 0.24;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 432 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 465
DB 34 CCAGTGAACCTTCAAGCAAAATCTACTTCAACACT 1

RESULT 17
US-09-864-636A-1139/c
; Sequence 1139, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
```

APPLICANT: Bartholomay, Christian  
 APPLICANT: Chehak, LuAnne  
 TITLE OF INVENTION: Detection of RNA Sequences  
 FILE REFERENCE: FORS-04944  
 CURRENT APPLICATION NUMBER: US/09/864,636A  
 CURRENT FILING DATE: 2002-10-15  
 NUMBER OF SEQ ID NOS: 2640  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1139  
 LENGTH: 32  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 S-09-864-636A-1139

Query Match 2.5%; Score 31; DB 1; Length 32;  
 Best Local Similarity 100.0%; Pred. No. 0.7;  
 Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 702 GCCAAGAGATATCCGAACCTTTAAATTCAGG 732  
 |||||  
 b 31 GCCAAGAGATATCCGAACCTTTAAATTCAGG 1

RESULT 18  
 S-09-864-636A-1140/c  
 Sequence 1140, Application US/09864636A  
 Publication No. US20030104378A1  
 GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allawi, Hatim  
 APPLICANT: Bartholomay, Christian  
 APPLICANT: Chehak, LuAnne  
 TITLE OF INVENTION: Detection of RNA Sequences  
 FILE REFERENCE: FORS-04944  
 CURRENT APPLICATION NUMBER: US/09/864,636A  
 CURRENT FILING DATE: 2002-10-15  
 NUMBER OF SEQ ID NOS: 2640  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1140  
 LENGTH: 32  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 S-09-864-636A-1140

Query Match 2.5%; Score 31; DB 1; Length 32;  
 Best Local Similarity 100.0%; Pred. No. 0.7;  
 Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 702 GCCAAGAGATATCCGAACCTTTAAATTCAGG 732  
 |||||  
 b 31 GCCAAGAGATATCCGAACCTTTAAATTCAGG 1

RESULT 19  
 S-10-084-839-1139/c  
 Sequence 1139, Application US/10084839  
 Publication No. US20030186238A1  
 GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allawi, Hatim  
 APPLICANT: Argue, Brad T.  
 APPLICANT: Bartholomay, Christian T.  
 APPLICANT: Chehak, LuAnne  
 APPLICANT: Curtis, Michelle L.  
 APPLICANT: Eis, Peggy S.  
 APPLICANT: Hall, Jeff G.  
 APPLICANT: Ip, Hon S.  
 APPLICANT: Ji, Lin  
 APPLICANT: Kaiser, Michael

APPLICANT: Kwiatkowski, Jr., Robert W.  
 APPLICANT: Lukowiak, Andrew A.  
 APPLICANT: Lyamichiev, Victor  
 APPLICANT: Lyamacheva, Natalie E.  
 APPLICANT: Ma, Wupo  
 APPLICANT: Neri, Bruce P.  
 APPLICANT: Olson, Sarah M.  
 APPLICANT: Olson-Munoz, Marilyn C.  
 APPLICANT: Schaefer, James J.  
 APPLICANT: Skrzypczynski, Zbigniew  
 APPLICANT: Takova, Tsetska Y.  
 APPLICANT: Thompson, Lisa C.  
 APPLICANT: Vedvik, Kevin L.  
 TITLE OF INVENTION: RNA Detection Assays  
 FILE REFERENCE: FORS-06666  
 CURRENT APPLICATION NUMBER: US/10/084,839  
 CURRENT FILING DATE: 2002-02-26  
 NUMBER OF SEQ ID NOS: 4004  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 1139  
 LENGTH: 32  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 US-10-084-839-1139

Query Match 2.5%; Score 31; DB 1; Length 32;  
 Best Local Similarity 100.0%; Pred. No. 0.7;  
 Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 702 GCCAAGAGATATCCGAACCTTTAAATTCAGG 732  
 |||||  
 Db 31 GCCAAGAGATATCCGAACCTTTAAATTCAGG 1

RESULT 20  
 US-10-084-839-1140/c  
 Sequence 1140, Application US/10084839  
 Publication No. US20030186238A1  
 GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allawi, Hatim  
 APPLICANT: Argue, Brad T.  
 APPLICANT: Bartholomay, Christian T.  
 APPLICANT: Chehak, LuAnne  
 APPLICANT: Curtis, Michelle L.  
 APPLICANT: Eis, Peggy S.  
 APPLICANT: Hall, Jeff G.  
 APPLICANT: Ip, Hon S.  
 APPLICANT: Ji, Lin  
 APPLICANT: Kaiser, Michael  
 APPLICANT: Kwiatkowski, Jr., Robert W.  
 APPLICANT: Lukowiak, Andrew A.  
 APPLICANT: Lyamichiev, Victor  
 APPLICANT: Lyamacheva, Natalie E.  
 APPLICANT: Ma, Wupo  
 APPLICANT: Neri, Bruce P.  
 APPLICANT: Olson, Sarah M.  
 APPLICANT: Olson-Munoz, Marilyn C.  
 APPLICANT: Schaefer, James J.  
 APPLICANT: Skrzypczynski, Zbigniew  
 APPLICANT: Takova, Tsetska Y.  
 APPLICANT: Thompson, Lisa C.  
 APPLICANT: Vedvik, Kevin L.  
 TITLE OF INVENTION: RNA Detection Assays  
 FILE REFERENCE: FORS-06666  
 CURRENT APPLICATION NUMBER: US/10/084,839  
 CURRENT FILING DATE: 2002-02-26  
 NUMBER OF SEQ ID NOS: 4004  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 1140  
 LENGTH: 32

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1140

Query Match          2.5%; Score 31; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 0.7;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 702 GCCAAGAGAAATCCGAACCTTAATTTCAGG 732
Db 31 GCCAAGAGAAATCCGAACCTTAATTTCAGG 1

RESULT 21
US-09-882-945A-305/c
; Sequence 305, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 305
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-305

Query Match          2.4%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.97;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1165 ATGATGTTTATTAGATAAAATTCATCAG 1194
Db 30 ATGATGTTTATTAGATAAAATTCATCAG 1

RESULT 22
US-09-885-441-31/c
; Sequence 31, Application US/09885441
; Patent No. US20020146407A1
; GENERAL INFORMATION:
; APPLICANT: Xiao, Yonghong
; TITLE OF INVENTION: Regulation of Human Eosinophil Serine
; FILE REFERENCE: 04974.00512
; CURRENT APPLICATION NUMBER: US/09/885,441
; CURRENT FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US 60/212,844
; PRIOR FILING DATE: 2000-06-21
; PRIOR APPLICATION NUMBER: US 60/244,171
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 60/279,766
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: PCT/
; PRIOR FILING DATE: 2001-06-20
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-885-441-31

Query Match          2.0%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 5.6;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 888 TGTTCCTGCTGCTTGTGTTTCTCC 912
Db 25 TGTTCCTGCTGCTTGTGTTTCTCC 1

RESULT 23
US-09-975-408-72/c
; Sequence 72, Application US/09975408
; Patent No. US20020150917A1
; GENERAL INFORMATION:
; APPLICANT: Nanogen, Inc.
; APPLICANT: Weidenhammer, Elaine M.
; APPLICANT: Xu, Xiao
; APPLICANT: Kahl, Brenda F.
; TITLE OF INVENTION: IMPROVED METHODS FOR GENE EXPRESSION MONITORING ON ELECTRONIC MI
; FILE REFERENCE: 267/174 Patrick S. Bagleman
; CURRENT APPLICATION NUMBER: US/09/975,408
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 09/710,200
; PRIOR FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-975-408-72

Query Match          1.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.8;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 475 GTGTGGTCTGTTGTAGGTTGCC 498
Db 24 GTGTGGTCTGTTGTAGGTTGCC 1

RESULT 24
US-09-864-636A-1159/c
; Sequence 1159, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chenak, Lukane
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1159
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1159

Query Match          1.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.8;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 394 AATTCATTCTCTGTGTATCCCAAG 417
Db 24 AATTCATTCTCTGTGTATCCCAAG 1
```

```
RESULT 25
S-10-084-839-1159/c
Sequence 1159, Application US/10084839
Publication No. US20030186238A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chehak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Bis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patent in version 3.1
SEQ ID NO 1159
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
S-10-084-839-1159
Query Match 1.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.8;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Y 394 AATTCATCTCTCTGTGTAATCCAG 417
b 24 AATTCATCTCTCTGTGTAATCCAG 1
S-10-075-579-72/c
Sequence 72, Application US/10075579
Publication No. US20020119484A1
GENERAL INFORMATION:
APPLICANT: Nanogen, Inc.
APPLICANT: Weidenhammer, Elaine M.
APPLICANT: Wang, Ling
APPLICANT: Xu, Xiao
APPLICANT: Heller, Michael J.
APPLICANT: Kahl, Brenda F.
TITLE OF INVENTION: IMPROVED METHODS FOR GENE EXPRESSION MONITORING ON ELECTRONIC MICROARRAYS
FILE REFERENCE: 256/262 Patrick S. Bagleman
CURRENT APPLICATION NUMBER: US/10/075,579
CURRENT FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: US/09/710,200
PRIOR FILING DATE: 2000-11-09
NUMBER OF SEQ ID NOS: 73
SOFTWARE: Patent in version 3.1
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; SEQ ID NO 72
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-075-579-72
Query Match 1.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 7.8;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 475 GTGTGGTCTGTGTAGGGTTGCC 498
Db 24 GTGTGGTCTGTGTAGGGTTGCC 1
RESULT 27
US-09-864-636A-1154/c
; Sequence 1154, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; FILE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1154
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1154
Query Match 1.8%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 394 AATTCATCTCTCTGTGTAATCCAA 416
Db 23 AATTCATCTCTCTGTGTAATCCAA 1
RESULT 28
US-10-084-839-1154/c
; Sequence 1154, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Bis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lyamicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
```

```
; APPLICANT: Takova, Tsetskaya Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1154
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1154

Query Match          1.8%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 394 AATTCATCTCTGTGGTATCAA 416
      |||||
DB 23 AATTCATCTCTGTGGTATCAA 1

RESULT 29
US-09-864-636A-1131/c
; Sequence 1131, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1131
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1131

Query Match          1.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 AAAATTCATCTCTGTGGTATC 413
      |||||
DB 22 AAAATTCATCTCTGTGGTATC 1

RESULT 30
US-10-084-839-1131/c
; Sequence 1131, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
```

```
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetskaya Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1131
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1131

Query Match          1.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 AAAATTCATCTCTGTGGTATC 413
      |||||
DB 22 AAAATTCATCTCTGTGGTATC 1

RESULT 31
US-09-864-636A-1164/c
; Sequence 1164, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1164
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1164

Query Match          1.8%; Score 22; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 391 AAAATTCATCTCTGTGGTAT 412
      |||||
DB 22 AAAATTCATCTCTGTGGTAT 1

RESULT 32
US-10-084-839-1164/c
; Sequence 1164, Application US/10084839
; Publication No. US20030186238A1
```

GENERAL INFORMATION:  
; APPLICANT: Third Wave Technologies  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Arque, Brad T.  
; APPLICANT: Bartholomay, Christian T.  
; APPLICANT: Chehak, LuAnne  
; APPLICANT: Curtis, Michelle L.  
; APPLICANT: Eis, Peggy S.  
; APPLICANT: Hall, Jeff G.  
; APPLICANT: Ip, Hon S.  
; APPLICANT: Ji, Lin  
; APPLICANT: Kaiser, Michael  
; APPLICANT: Kwiatkowski, Jr., Robert W.  
; APPLICANT: Lakowiak, Andrew A.  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Lyamacheva, Natalie E.  
; APPLICANT: Ma, WuPo  
; APPLICANT: Neri, Bruce P.  
; APPLICANT: Olson, Sarah M.  
; APPLICANT: Olson-Munoz, Marilyn C.  
; APPLICANT: Schaefer, James J.  
; APPLICANT: Skrzypczynski, Zbigniew  
; APPLICANT: Takova, Tsetska Y.  
; APPLICANT: Thompson, Lisa C.  
; APPLICANT: Vedvik, Kevin L.  
TITLE OF INVENTION: RNA Detection Assays  
FILE REFERENCE: FORS-06866  
CURRENT APPLICATION NUMBER: US/10/084,839  
CURRENT FILING DATE: 2002-02-26  
NUMBER OF SEQ ID NOS: 4004  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 1164  
LENGTH: 27  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
S-10-084-839-1164

Query Match 1.8%; Score 22; DB 1; Length 27;  
Best Local Similarity 100.0%; Pred. No. 19;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 391 AAAAATTCATCTCTGTGGTAT 412  
b 22 AAAAATTCATCTCTGTGGTAT 1

RESULT 33  
S-09-882-945A-310  
Sequence 310, Application US/09882945A  
Publication No. US20030143535A1  
GENERAL INFORMATION:  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Dong, Fang  
; APPLICANT: Neri, Bruce  
; APPLICANT: Vener, Tatiana  
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites  
FILE REFERENCE: FORS-04586  
CURRENT APPLICATION NUMBER: US/09/882,945A  
CURRENT FILING DATE: 2001-06-15  
NUMBER OF SEQ ID NOS: 334  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 310  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
S-09-882-945A-310

Query Match 1.7%; Score 21; DB 1; Length 21;

Best Local Similarity 100.0%; Pred. No. 22;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 GAATTTAAATTCAGGAATTC 737  
b 1 GAATTTAAATTCAGGAATTC 21

RESULT 34  
US-09-882-945A-312  
Sequence 312, Application US/09882945A  
Publication No. US20030143535A1  
GENERAL INFORMATION:  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Dong, Fang  
; APPLICANT: Neri, Bruce  
; APPLICANT: Vener, Tatiana  
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites  
FILE REFERENCE: FORS-04586  
CURRENT APPLICATION NUMBER: US/09/882,945A  
CURRENT FILING DATE: 2001-06-15  
NUMBER OF SEQ ID NOS: 334  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 312  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-882-945A-312

Query Match 1.7%; Score 21; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 22;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1017 TTCAAGTGTAATTTATTACC 1037  
b 1 TTCAAGTGTAATTTATTACC 21

RESULT 35  
US-09-882-945A-309  
Sequence 309, Application US/09882945A  
Publication No. US20030143535A1  
GENERAL INFORMATION:  
; APPLICANT: Lyamichev, Victor  
; APPLICANT: Allawi, Hatim  
; APPLICANT: Dong, Fang  
; APPLICANT: Neri, Bruce  
; APPLICANT: Vener, Tatiana  
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites  
FILE REFERENCE: FORS-04586  
CURRENT APPLICATION NUMBER: US/09/882,945A  
CURRENT FILING DATE: 2001-06-15  
NUMBER OF SEQ ID NOS: 334  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 309  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic  
US-09-882-945A-309

Query Match 1.6%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 30;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 557 CATTTACCATGAATATCC 576  
b 1 CATTTACCATGAATATCC 20



```
RESULT 36
US-10-810-47/c
; Sequence 47, Application US/10305810
; Publication No. US20030176385A1
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingfang
; APPLICANT: Huang, Chunli
; APPLICANT: Zhong, Hailong
; APPLICANT: Simons, Jan Fredrik
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Chant, John S.
; APPLICANT: Peyman, John A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Millet, Isabelle
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION
; FILE REFERENCE: 21402-501
; CURRENT APPLICATION NUMBER: US/10/305,810
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/334,148
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 60/336,572
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 09/625,634
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/192,838
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/194,256
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,798
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/970,813
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/182,637
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 60/240,316
; PRIOR FILING DATE: 2000-10-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: IL-8-ASS
US-10-305-810-47

Query Match 1.6%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 30;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 418 AATCAGTGAAGATGCCAGTG 437
Db 20 AATCAGTGAAGATGCCAGTG 1

RESULT 37
US-09-864-636A-1132
; Sequence 1132, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1132
```

```
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1132

Query Match 1.6%; Score 20; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 412 TCCTAAGATCAGTGAAGATG 431
Db 1 TCCTAAGATCAGTGAAGATG 20

RESULT 38
US-10-084-839-1132
; Sequence 1132, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetskaya Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1132
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1132

Query Match 1.6%; Score 20; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 412 TCCTAAGATCAGTGAAGATG 431
Db 1 TCCTAAGATCAGTGAAGATG 20

RESULT 39
US-09-864-636A-1133
; Sequence 1133, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
```

APPLICANT: Third Wave Technologies  
 APPLICANT: Allwai, Hatim  
 APPLICANT: Bartholomay, Christian  
 APPLICANT: Chehak, LuAnne  
 TITLE OF INVENTION: Detection of RNA Sequences  
 FILE REFERENCE: FORS-04944  
 CURRENT APPLICATION NUMBER: US/09/864,636A  
 CURRENT FILING DATE: 2002-10-15  
 NUMBER OF SEQ ID NOS: 2640  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1133  
 LENGTH: 28  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 3-09-864-636A-1133

Query Match 1.6%; Score 20; DB 1; Length 28;  
 Best Local Similarity 100.0%; Pred. No. 43;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

412 TCCAGAATCAGTGAAGATG 431  
 |||||  
 1 TCCAGAATCAGTGAAGATG 20

RESULT 40  
 3-09-864-636A-1165  
 Sequence 1165, Application US/09864636A  
 Publication No. US20030104378A1  
 GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allwai, Hatim  
 APPLICANT: Bartholomay, Christian  
 APPLICANT: Chehak, LuAnne  
 TITLE OF INVENTION: Detection of RNA Sequences  
 FILE REFERENCE: FORS-04944  
 CURRENT APPLICATION NUMBER: US/09/864,636A  
 CURRENT FILING DATE: 2002-10-15  
 NUMBER OF SEQ ID NOS: 2640  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1165  
 LENGTH: 28  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 3-09-864-636A-1165

Query Match 1.6%; Score 20; DB 1; Length 28;  
 Best Local Similarity 100.0%; Pred. No. 43;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

412 TCCAGAATCAGTGAAGATG 431  
 |||||  
 1 TCCAGAATCAGTGAAGATG 20

RESULT 41  
 3-10-084-839-1133  
 Sequence 1133, Application US/10084839  
 Publication No. US20030186238A1  
 GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allwai, Hatim  
 APPLICANT: Argue, Brad T.  
 APPLICANT: Bartholomay, Christian T.  
 APPLICANT: Chehak, LuAnne  
 APPLICANT: Curtis, Michelle L.  
 APPLICANT: Eis, Peggy S.  
 APPLICANT: Hall, Jeff G.  
 APPLICANT: Ip, Hon S.

APPLICANT: Ji, Lin  
 APPLICANT: Kaiser, Michael  
 APPLICANT: Kwiatkowski, Jr., Robert W.  
 APPLICANT: Lukowiak, Andrew A.  
 APPLICANT: Lyamichev, Victor  
 APPLICANT: Lymaicheva, Natalie E.  
 APPLICANT: Ma, WuPo  
 APPLICANT: Neri, Bruce P.  
 APPLICANT: Olson, Sarah M.  
 APPLICANT: Olson-Munoz, Marilyn C.  
 APPLICANT: Schaefer, James J.  
 APPLICANT: Skrzypczynski, Zbigniew  
 APPLICANT: Takova, Tsetska Y.  
 APPLICANT: Thompson, Lisa C.  
 APPLICANT: Vedvik, Kevin L.  
 TITLE OF INVENTION: RNA Detection Assays  
 FILE REFERENCE: FORS-06666  
 CURRENT APPLICATION NUMBER: US/10/084,839  
 CURRENT FILING DATE: 2002-02-26  
 NUMBER OF SEQ ID NOS: 4004  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 1133  
 LENGTH: 28  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 US-10-084-839-1133

Query Match 1.6%; Score 20; DB 1; Length 28;  
 Best Local Similarity 100.0%; Pred. No. 43;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 412 TCCAGAATCAGTGAAGATG 431  
 |||||  
 Db 1 TCCAGAATCAGTGAAGATG 20

RESULT 42  
 US-10-084-839-1165  
 Sequence 1165, Application US/10084839  
 Publication No. US20030186238A1  
 GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allwai, Hatim  
 APPLICANT: Argue, Brad T.  
 APPLICANT: Bartholomay, Christian T.  
 APPLICANT: Chehak, LuAnne  
 APPLICANT: Curtis, Michelle L.  
 APPLICANT: Eis, Peggy S.  
 APPLICANT: Hall, Jeff G.  
 APPLICANT: Ip, Hon S.  
 APPLICANT: Ji, Lin  
 APPLICANT: Kaiser, Michael  
 APPLICANT: Kwiatkowski, Jr., Robert W.  
 APPLICANT: Lukowiak, Andrew A.  
 APPLICANT: Lyamichev, Victor  
 APPLICANT: Lymaicheva, Natalie E.  
 APPLICANT: Ma, WuPo  
 APPLICANT: Neri, Bruce P.  
 APPLICANT: Olson, Sarah M.  
 APPLICANT: Olson-Munoz, Marilyn C.  
 APPLICANT: Schaefer, James J.  
 APPLICANT: Skrzypczynski, Zbigniew  
 APPLICANT: Takova, Tsetska Y.  
 APPLICANT: Thompson, Lisa C.  
 APPLICANT: Vedvik, Kevin L.  
 TITLE OF INVENTION: RNA Detection Assays  
 FILE REFERENCE: FORS-06666  
 CURRENT APPLICATION NUMBER: US/10/084,839  
 CURRENT FILING DATE: 2002-02-26  
 NUMBER OF SEQ ID NOS: 4004  
 SOFTWARE: PatentIn version 3.1

Query Match	Best Local Similarity	Score	DB 1	Length	DB 2	Length	DB 3	Length	DB 4	Length	DB 5	Length	DB 6	Length	DB 7	Length	DB 8	Length	DB 9	Length	DB 10	Length	DB 11	Length	DB 12	Length	DB 13	Length	DB 14	Length	DB 15	Length	DB 16	Length	DB 17	Length	DB 18	Length	DB 19	Length	DB 20	Length	DB 21	Length	DB 22	Length	DB 23	Length	DB 24	Length	DB 25	Length	DB 26	Length	DB 27	Length	DB 28	Length	DB 29	Length	DB 30	Length	DB 31	Length	DB 32	Length	DB 33	Length	DB 34	Length	DB 35	Length	DB 36	Length	DB 37	Length	DB 38	Length	DB 39	Length	DB 40	Length	DB 41	Length	DB 42	Length	DB 43	Length	DB 44	Length	DB 45	Length	DB 46	Length	DB 47	Length	DB 48	Length	DB 49	Length	DB 50	Length	DB 51	Length	DB 52	Length	DB 53	Length	DB 54	Length	DB 55	Length	DB 56	Length	DB 57	Length	DB 58	Length	DB 59	Length	DB 60	Length	DB 61	Length	DB 62	Length	DB 63	Length	DB 64	Length	DB 65	Length	DB 66	Length	DB 67	Length	DB 68	Length	DB 69	Length	DB 70	Length	DB 71	Length	DB 72	Length	DB 73	Length	DB 74	Length	DB 75	Length	DB 76	Length	DB 77	Length	DB 78	Length	DB 79	Length	DB 80	Length	DB 81	Length	DB 82	Length	DB 83	Length	DB 84	Length	DB 85	Length	DB 86	Length	DB 87	Length	DB 88	Length	DB 89	Length	DB 90	Length	DB 91	Length	DB 92	Length	DB 93	Length	DB 94	Length	DB 95	Length	DB 96	Length	DB 97	Length	DB 98	Length	DB 99	Length	DB 100	Length	DB 101	Length	DB 102	Length	DB 103	Length	DB 104	Length	DB 105	Length	DB 106	Length	DB 107	Length	DB 108	Length	DB 109	Length	DB 110	Length	DB 111	Length	DB 112	Length	DB 113	Length	DB 114	Length	DB 115	Length	DB 116	Length	DB 117	Length	DB 118	Length	DB 119	Length	DB 120	Length	DB 121	Length	DB 122	Length	DB 123	Length	DB 124	Length	DB 125	Length	DB 126	Length	DB 127	Length	DB 128	Length	DB 129	Length	DB 130	Length	DB 131	Length	DB 132	Length	DB 133	Length	DB 134	Length	DB 135	Length	DB 136	Length	DB 137	Length	DB 138	Length	DB 139	Length	DB 140	Length	DB 141	Length	DB 142	Length	DB 143	Length	DB 144	Length	DB 145	Length	DB 146	Length	DB 147	Length	DB 148	Length	DB 149	Length	DB 150	Length	DB 151	Length	DB 152	Length	DB 153	Length	DB 154	Length	DB 155	Length	DB 156	Length	DB 157	Length	DB 158	Length	DB 159	Length	DB 160	Length	DB 161	Length	DB 162	Length	DB 163	Length	DB 164	Length	DB 165	Length	DB 166	Length	DB 167	Length	DB 168	Length	DB 169	Length	DB 170	Length	DB 171	Length	DB 172	Length	DB 173	Length	DB 174	Length	DB 175	Length	DB 176	Length	DB 177	Length	DB 178	Length	DB 179	Length	DB 180	Length	DB 181	Length	DB 182	Length	DB 183	Length	DB 184	Length	DB 185	Length	DB 186	Length	DB 187	Length	DB 188	Length	DB 189	Length	DB 190	Length	DB 191	Length	DB 192	Length	DB 193	Length	DB 194	Length	DB 195	Length	DB 196	Length	DB 197	Length	DB 198	Length	DB 199	Length	DB 200	Length	DB 201	Length	DB 202	Length	DB 203	Length	DB 204	Length	DB 205	Length	DB 206	Length	DB 207	Length	DB 208	Length	DB 209	Length	DB 210	Length	DB 211	Length	DB 212	Length	DB 213	Length	DB 214	Length	DB 215	Length	DB 216	Length	DB 217	Length	DB 218	Length	DB 219	Length	DB 220	Length	DB 221	Length	DB 222	Length	DB 223	Length	DB 224	Length	DB 225	Length	DB 226	Length	DB 227	Length	DB 228	Length	DB 229	Length	DB 230	Length	DB 231	Length	DB 232
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Query Match 1.5%; Score 19; DB 1; Length 27;  
Best Local Similarity 81.5%; Pred. No. 61;  
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Y 870 CCAGATCCACAACTCTCTGTTCCACT 896  
b 1 CCGGATCTCAGTTCTTCTTCCACT 27

## RESULT 47

US-09-263-959-781/c  
Sequence 781, Application US/09263959  
Patent No. US20020150891A1

## GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092

## COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Mcmasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2

## TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031

## INFORMATION FOR SEQ ID NO: 781:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

## S-09-263-959-781

Query Match 1.5%; Score 18.8; DB 1; Length 22;  
Best Local Similarity 90.9%; Pred. No. 53;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Y 1040 TTATTATTATGTTATTTT 1061  
b 22 TTATTATTATTATTATT 1

## RESULT 48

S-10-098-263B-68164/c  
Sequence 68164, Application US/10098263B  
Publication No. US2003010410A1

## GENERAL INFORMATION:

APPLICANT: Mittman, Michael  
TITLE OF INVENTION: Human Microarray  
FILE REFERENCE: 3118.1  
CURRENT APPLICATION NUMBER: US/10/098,263B  
CURRENT FILING DATE: 2003-01-08  
PRIOR APPLICATION NUMBER: 60/276,759  
PRIOR FILING DATE: 2001-03-16  
NUMBER OF SEQ ID NOS: 131066  
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 68164

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-098-263B-68164

Query Match 1.4%; Score 17.6; DB 1; Length 25;

Best Local Similarity 83.3%; Pred. No. 95;

Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1438 TTCTTGCTGCTGAACTCTGTTTA 1461

Db 24 TTCTTACGGTTCACACTTCTGTA 1

## RESULT 49

US-09-263-959-754/c

; Sequence 754, Application US/09263959

; Patent No. US20020150891A1

; GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Mcmasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 754:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-754

Query Match 1.4%; Score 17.4; DB 1; Length 19;

Best Local Similarity 94.7%; Pred. No. 77;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1044 TTATTATTGTTATTATTTA 1062

Db 19 TTATTATTATTATTATTTA 1

## RESULT 50

US-10-117-955B-3

; Sequence 3, Application US/10117955B

; Publication No. US20030199453A1

; GENERAL INFORMATION:

APPLICANT: Giordano, Tony

APPLICANT: Sturgess, Michael A.

TITLE OF INVENTION: Small Molecule Inhibitors of Secretion

```
; TITLE OF INVENTION:  of Proteins Encoded by ARE-mRNAs
; FILE REFERENCE: 50093/018002
; CURRENT APPLICATION NUMBER: US/10/117.955B
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,974
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus motif
US-10-117-955B-3

Query Match          1.4%; Score 17.4; DB 1; Length 21;
Best Local Similarity 26.3%; Pred.No. 86;
Matches 5; Conservative 13; Mismatches 1; Indels 0; Gaps 0;

QY 1044 TTATTGATGATTATTGTA 1062
Db 3 UUAUUUUUUUAUUUA 21

RESULT 51
US-09-864-636A-1141
; Sequence 1141, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1141
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1141

Query Match          1.4%; Score 17.4; DB 1; Length 24;
Best Local Similarity 94.7%; Pred.No. 98;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 AGCAAAATTGGCCCAAGG 702
Db 1 AGCAAAATTGAGCCAAGG 19

RESULT 52
US-10-084-839-1141
; Sequence 1141, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Bis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: ID, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
```

```
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lyamacheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1141
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1141

Query Match          1.4%; Score 17.4; DB 1; Length 24;
Best Local Similarity 94.7%; Pred.No. 98;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 AGCAAAATTGGCCCAAGG 702
Db 1 AGCAAAATTGAGCCAAGG 19

RESULT 53
US-09-882-945A-308
; Sequence 308, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allwai, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 308
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-308

Query Match          1.4%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 80;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 417 GAATCAGTGAAGATGCC 433
Db 1 GAATCAGTGAAGATGCC 17

RESULT 54
US-10-159-834-65/c
; Sequence 65, Application US/10159834
; Publication No. US20030228688A1
```

GENERAL INFORMATION:  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE  
FILE REFERENCE: RTS-0299  
CURRENT APPLICATION NUMBER: US/10/159,834  
CURRENT FILING DATE: 2002-05-31  
NUMBER OF SEQ ID NOS: 130  
SEQ ID NO 65  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
S-10-159-834-65

Query Match 1.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1e+02; 2; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 949 TACCTCACAGTGATGTGTG 968  
|||||  
b 20 TACCTCACAGGGGTGTGTG 1

RESULT 55  
S-10-159-834-122  
Sequence 122, Application US/10159834  
Publication No. US20030228688A1  
GENERAL INFORMATION:  
APPLICANT: Kenneth W. Dobie  
TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE  
FILE REFERENCE: RTS-0299  
CURRENT APPLICATION NUMBER: US/10/159,834  
CURRENT FILING DATE: 2002-05-31  
NUMBER OF SEQ ID NOS: 130  
SEQ ID NO 122  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
S-10-159-834-122

Query Match 1.3%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1e+02; 2; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

y 949 TACCTCACAGTGATGTGTG 968  
|||||  
b 1 TACCTCACAGGGGTGTGTG 20

RESULT 56  
S-09-263-959-694  
Sequence 694, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy B.  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

Query Match 1.3%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.1e+02;

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 694:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-694

Query Match 1.3%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.1e+02;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1045 TATTATGTTATTATTA 1062  
|||||  
Db 1 TATTATGTTATTATTA 18

RESULT 57  
US-09-263-959-966/c  
Sequence 966, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy B.  
APPLICANT: Rowen, Lee  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 966:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-966

Query Match 1.3%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 1.1e+02;

```
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1045 TATTATGATTTATTTA 1062
DB 18 TATTATTTATTTATTTA 1

RESULT 58
US-10-326-587-15
; Sequence 15, Application US/10326587
; Publication No. US20030170693A1
; GENERAL INFORMATION:
; APPLICANT: Chaconas, George
; APPLICANT: Kobryn, Kerri
; APPLICANT: Tourand, Yvonne M.
; TITLE OF INVENTION: Assay for Identifying Modulators of Borrelia Telomere Resolvease
; FILE REFERENCE: 9611-33
; CURRENT APPLICATION NUMBER: US/10/326,587
; CURRENT FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Borrelia burgdorferi
US-10-326-587-15

Query Match 1.3%; Score 16.4; DB 1; Length 22;
Best Local Similarity 94.4%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1259 AAATAATTTTATTTAGTATA 1276
DB 1 ATATAATTTTATTTAGTATA 18

RESULT 59
US-09-923-327-146/c
; Sequence 146, Application US/09923327
; Publication No. US20030096236A1
; GENERAL INFORMATION:
; APPLICANT: MURPHY, Patricia D.
; TITLE OF INVENTION: Determining Common Functional Alleles in a Population and Uses Th
; FILE REFERENCE: 044921-5054-02
; CURRENT APPLICATION NUMBER: US/09/923,327
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: US 08/598,591
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: US 08/798,691
; PRIOR FILING DATE: 1997-02-12
; PRIOR APPLICATION NUMBER: US 08/905,772
; PRIOR FILING DATE: 1997-08-04
; PRIOR APPLICATION NUMBER: US 09/084,471
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: US 09/129,134
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: US 09/524,794
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 146
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-923-327-146

Query Match 1.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 763 TGAAGCATCATCAATAAAATGA 783
DB 22 TAAGCATCATCAATAAAATGA 2
```

```
RESULT 60
US-09-794-422-35
; Sequence 35, Application US/09794422
; Publication No. US20030166239A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Thomas A.
; APPLICANT: De Wet, Jeffrey R.
; APPLICANT: Gowen, Lori C.
; APPLICANT: Hames, Lynn M.
; TITLE OF INVENTION: Mammalian Osteoregulins
; FILE REFERENCE: PC10445
; CURRENT APPLICATION NUMBER: US/09/794,422
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/185,617
; PRIOR FILING DATE: 2000-02-29
; PRIOR APPLICATION NUMBER: 60/234,500
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-794-422-35

Query Match 1.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 716 CCAACTTTTAAATTTTCAGAA 734
DB 1 CAAACTTTTAAATTTTCAGAA 19

RESULT 61
US-10-117-955B-4
; Sequence 4, Application US/10117955B
; Publication No. US20030199453A1
; GENERAL INFORMATION:
; APPLICANT: Giordano, Tony
; APPLICANT: Sturgess, Michael A.
; TITLE OF INVENTION: Small Molecule Inhibitors of Secretion
; FILE REFERENCE: 50093/018002
; CURRENT APPLICATION NUMBER: US/10/117,955B
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,974
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus motif
US-10-117-955B-4

Query Match 1.2%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 1.5e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 1046 ATTATGATTTATTTA 1062
DB 1 AAAAAUUUUUUUUUA 17

RESULT 62
US-10-060-756A-1672/c
; Sequence 1672, Application US/10060756A
; Publication No. US20030046717A1
```

GENERAL INFORMATION:  
APPLICANT: Zhang, Jian  
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN  
FILE REFERENCE: PB0177  
CURRENT APPLICATION NUMBER: US/10/060,756A  
CURRENT FILING DATE: 2002-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: US 09/864,761  
PRIOR FILING DATE: 2001-05-23  
PRIOR APPLICATION NUMBER: US 60/327,898  
PRIOR FILING DATE: 2001-10-09  
NUMBER OF SEQ ID NOS: 4804  
SOFTWARE: Acomica Sequence Listing Engine  
SEQ ID NO 1672  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
S-10-060-756A-1672

Query Match 1.2%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 1.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Y 675 TATACAAATAGCAAAAT 691  
b 17 TATACAAATAGCAAAAT 1

RESULT 63  
S-09-263-959-759/c  
Sequence 759, Application US/09263959  
Patent No. US20020150891A1  
GENERAL INFORMATION:  
APPLICANT: Hood, Leroy E.  
APPLICANT: Rosen, Les  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/263,959  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 759:

SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-759

Query Match 1.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 1.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1044 TTATTTATGTTATTTAT 1060  
DB 17 TTATTTATTTATTTAT 1

RESULT 64  
US-10-388-263-196  
Sequence 196, Application US/10388263  
Publication No. US20030228597A1  
GENERAL INFORMATION:  
APPLICANT: Cowsett, Lex M.  
APPLICANT: Baker, Brenda F.  
APPLICANT: McNeil, John  
APPLICANT: Freier, Susan M.  
APPLICANT: Sasmor, Henri M.  
APPLICANT: Brooks, Douglas G.  
APPLICANT: Ohashi, Cara  
APPLICANT: Wyatt, Jacqueline R.  
APPLICANT: Vickers, Timothy A.  
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR  
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND  
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION  
FILE REFERENCE: ISIS-4503  
CURRENT APPLICATION NUMBER: US/10/388,263  
CURRENT FILING DATE: 2003-03-12  
NUMBER OF SEQ ID NOS: 947  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 196  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-388-263-196

Query Match 1.2%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 1.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1294 CTGAAATTTTATTTGAA 1310  
DB 1 CTGAAATTTTATTTGAA 17

RESULT 65  
US-10-197-290-43  
Sequence 43, Application US/10197290  
Publication No. US20030083300A1  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Elizabeth J. Ackermann  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2  
FILE REFERENCE: RSP-0421  
CURRENT APPLICATION NUMBER: US/10/197,290  
CURRENT FILING DATE: 2002-07-16  
PRIOR APPLICATION NUMBER: 09/857,299  
PRIOR FILING DATE: 2001-20-04  
PRIOR APPLICATION NUMBER: PCT/US99/22083  
PRIOR FILING DATE: 1999-09-23



Query Match 1.2%; Score 15.4; DB i; Length 47;  
Best Local Similarity 66.7%; Pred. No. 3.1e+02;  
Matches 22: Conservative 0; Mismatches 11; Indels

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;
; SEQ ID NO 21
;
; LENGTH: 20
;
; TYPE: DNA
;

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ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Antisense Oligonucleotide

S-09-973-827-21

Query Match 1.2%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 1352 GCTGCTGCTAGTCTGCTG 1371  
b 1 GCTGCTAGCAAGTCTGG 20

RESULT 70

S-09-759-584-53/c

Sequence 53, Application US/09759584

Patent No. US20010014732A1

GENERAL INFORMATION:

APPLICANT: BROEKAERT, WILLEM F.

APPLICANT: CAMMUE, BRUNO P.A.

APPLICANT: OSBORN, RUPERT W.

APPLICANT: REES, SARAH B.

APPLICANT: TERRAS, FRANKY R.G.

APPLICANT: VANDERLEIDEN, JOZEF

TITLE OF INVENTION: BIOCIDAL PROTEINS

NUMBER OF SEQUENCES: 59

CORRESPONDENCE ADDRESS:

ADDRESSEE: CUSHMAN DABBY & CUSHMAN

STREET: 1100 NEW YORK AVENUE, N.W.

CITY: WASHINGTON

STATE: D.C.

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/759,584

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/377,687

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: KOKULIS, PAUL N.

REGISTRATION NUMBER: 16,773

REFERENCE/DOCKET NUMBER: 99042/SEE.36525/US/A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-861-3000

TELEFAX: 202-822-0944

INFORMATION FOR SEQ ID NO: 53:

SEQUENCE CHARACTERISTICS:

LENGTH: 21 base pairs

TYPE: nucleic acid

STRANDEDNESS: both

TOPOLOGY: linear

MOLECULE TYPE: cdna

S-09-759-584-53

Query Match 1.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Y 688 AATTTGGCCCAAGGCCCAAG 707  
b 20 AAGTTGTGCCCAAGGCCCAAG 1

RESULT 71

S-10-085-906-501/c

; Sequence 501, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 501  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-501

Query Match 1.2%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1042 TATTATTATGATTATT 1061  
Db 21 TATTATATAATATATT 2

RESULT 72

US-09-882-945A-311

Sequence 311, Application US/09882945A

Publication No. US20030143535A1

GENERAL INFORMATION:

APPLICANT: Lymanichev, Victor

APPLICANT: Allawi, Hatim

APPLICANT: Dong, Fang

APPLICANT: Neri, Bruce

APPLICANT: Vener, Tatiana

TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites

FILE REFERENCE: PORS-04586

CURRENT APPLICATION NUMBER: US/09/882,945A

CURRENT FILING DATE: 2001-06-15

NUMBER OF SEQ ID NOS: 334

SOFTWARE: Patent in version 3.0

SEQ ID NO 311

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Synthetic

US-09-882-945A-311

Query Match 1.2%; Score 15; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 1.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 856 CCTAGTCTCTAGC 870  
Db 1 CCTAGTCTCTAGC 15

RESULT 73

US-09-866-108-7600

Sequence 7600, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

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; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,697
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7600
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-7600

Query Match      1.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      939 GCCACCATCTTACCT 953
DB      3 GCCACCATCTTACCT 17

RESULT 74
US-09-866-108-7601
; Sequence 7601, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; CURRENT FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,697
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7601
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-7601

Query Match      1.2%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      939 GCCACCATCTTACCT 953
DB      2 GCCACCATCTTACCT 16

RESULT 75
US-09-866-108-7602
; Sequence 7602, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

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PRIOR APPLICATION NUMBER: PCT/US01/00664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00669  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00665  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00663  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00662  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00661  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/00670  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: US 60/234,687  
 PRIOR FILING DATE: 2000-09-21  
 PRIOR APPLICATION NUMBER: US 60/266,860  
 PRIOR FILING DATE: 2001-02-05  
 NUMBER OF SEQ ID NOS: 15752  
 SOFTWARE: Aeonica Sequence Listing Engine  
 SEQ ID NO 7602  
 LENGTH: 17  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 S-09-866-108-7602

Query Match 1.2%; Score 15; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 939 GCCACCATCTTACT 953  
 b 1 GCCACCATCTTACT 15

RESULT 76  
 S-09-864-636A-1134  
 Sequence 1134, Application US/09864636A  
 Publication No. US20030104378A1  
 GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allawi, Hatim  
 APPLICANT: Bartholomay, Christian  
 APPLICANT: Chehak, LuAnne  
 TITLE OF INVENTION: Detection of RNA Sequences  
 FILE REFERENCE: FORS-04944  
 CURRENT APPLICATION NUMBER: US/09/864,636A  
 CURRENT FILING DATE: 2002-10-15  
 NUMBER OF SEQ ID NOS: 2640  
 SOFTWARE: PatentIn version 3.0  
 SEQ ID NO 1134  
 LENGTH: 21  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 JS-09-864-636A-1134

Query Match 1.2%; Score 15; DB 1; Length 21;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 417 GAATCACTGAAGATG 431  
 b 1 GAATCACTGAAGATG 15

RESULT 77  
 JS-10-084-839-1134  
 Sequence 1134, Application US/10084839  
 Publication No. US20030186238A1

GENERAL INFORMATION:  
 APPLICANT: Third Wave Technologies  
 APPLICANT: Allawi, Hatim  
 APPLICANT: Argue, Brad T.  
 APPLICANT: Bartholomay, Christian T.  
 APPLICANT: Chehak, LuAnne  
 APPLICANT: Curtis, Michelle L.  
 APPLICANT: Eis, Peggy S.  
 APPLICANT: Hall, Jeff G.  
 APPLICANT: IP, Hon S.  
 APPLICANT: Ji, Lin  
 APPLICANT: Kaiser, Michael  
 APPLICANT: Kwiatkowski, Jr., Robert W.  
 APPLICANT: Lakowiak, Andrew A.  
 APPLICANT: Lyamichiev, Victor  
 APPLICANT: Lymaicheva, Natalie E.  
 APPLICANT: Ma, Wupo  
 APPLICANT: Neri, Bruce P.  
 APPLICANT: Olson, Sarah M.  
 APPLICANT: Olson-Munoz, Marilyn C.  
 APPLICANT: Schaefer, James J.  
 APPLICANT: Skrzypczynski, Zbigniew  
 APPLICANT: Takova, Tsetska Y.  
 APPLICANT: Thompson, Lisa C.  
 APPLICANT: Vedvik, Kevin L.  
 TITLE OF INVENTION: RNA Detection Assays  
 FILE REFERENCE: FORS-06666  
 CURRENT APPLICATION NUMBER: US/10/084,839  
 CURRENT FILING DATE: 2002-02-26  
 NUMBER OF SEQ ID NOS: 4004  
 SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 1134  
 LENGTH: 21  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Synthetic  
 US-10-084-839-1134

Query Match 1.2%; Score 15; DB 1; Length 21;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 417 GAATCACTGAAGATG 431  
 Db 1 GAATCACTGAAGATG 15

RESULT 78  
 US-09-752-983-239/c  
 Sequence 239, Application US/09752983  
 Patent No. US20010016575A1  
 GENERAL INFORMATION:  
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 APPLICANT: Graham, Brett P. Monia  
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 TITLE OF INVENTION: EXPRESSION  
 NUMBER OF SEQUENCES: 271  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Law Offices of Jane Massey Licata  
 STREET: 66 East Main Street  
 CITY: Marlton  
 STATE: NJ  
 COUNTRY: U.S.A.  
 ZIP: 08053  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 COMPUTER: IBM PC  
 OPERATING SYSTEM: WINDOWS 95  
 SOFTWARE: WORDPERFECT 6.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/752,983  
 FILING DATE: 02-Jan-2001